ASX Announcement | 29th January, 2025

Surface Geochemistry confirms expansion of Oonagalabi System

Highlights

- **Exceptional Expansion:** Results from soil and rock chip sampling have confirmed the extended strike of the Oonagalabi base metal anomalism to an impressive +3km, with the data underscoring the expansive potential of this mineralised system.
- **Breakthrough to the South:** Soil geochemistry results have unveiled mineralisation (+250ppm Cu) extending 1.3km beyond the southern limit of the last drill hole (PDH-A) and further south than Silverado, unlocking potential new exploration opportunities.
- **Cutting-Edge Insights:** Newly identified pathfinder multi-element signatures, including Bi, Cd, In, Sn, W, with potential for Co, Li, Mo, and V, provide crucial vectors to pinpoint mineralisation zones, enhancing the precision for our exploration efforts.
- **Strategic Extensions Confirmed:** The Silverado and southeastern sampled areas have been confirmed as direct and significant extensions of the Oonagalabi system, cementing the project's scale and exceptional growth potential.

Litchfield Minerals Limited (**"Litchfield"** or the **"Company"**) **(ASX:LMS)**, a company with a strategic emphasis on critical minerals, is pleased to announce the results of soil and rock chip sampling assays from the December sampling program. This sampling has confirmed the validity of historic soils, effectively expanding the known geochemical footprint of the system and defined the pathfinder element signature not available in historic data.

Managing Director and CEO, Matthew Pustahya, commented:

"I am thrilled to share these exciting results from our December geochemical sampling campaign at the Oonagalabi Project. The identification of an expanded geochemical footprint

spanning over 3km, coupled with high-grade soil and rock chip anomalies, reinforces the significant scale and potential of this system. The extension of mineralisation south at Silverado and to the southeast represents a potentially large system, highlighting previously untested zones. The sheer size of the mineralised unit and its associated alteration zone indicates a large-scale, pervasive process. Hydrothermal systems capable of generating such extensive mineralisation require substantial fluid volumes, heat sources, and prolonged activity, all hallmarks of a major hydrothermal event that inform our exploration activities.

These findings not only validate the historical datasets but also pave the way for a highly targeted exploration strategy in 2025, including geophysical surveys and drilling. With compelling indicators of copper, zinc, lead, silver, gold and associated critical minerals, Oonagalabi stands as a flagship project for Litchfield Minerals.

Our systematic approach to exploring and defining this substantial base metal system underscores our commitment to creating value for shareholders. The upcoming fieldwork is focussed on unlocking the potential of this region, driving Litchfield Minerals towards transformative discoveries and growth in the critical minerals sector."

Soil Sampling

As noted in our January 24th announcement[1], surface geochemical sampling (161 soils, 13 rocks) and reconnaissance mapping was completed over the central mineralised Oonagalabi system in early December (**Figures 1, 2**, **Appendix 1, Table 1 JORC Code**). The soil sampling campaign was completed at 200m x 100m, covering the original 1970's grid (1,500m strike) and then extending to the northeast and southwest to cover the limits of exposed alteration and mineralisation (3km strike). The campaign was completed specifically to assess

[1] ASX Announcement 24 January 2025 – Major Mineral System Potential Oonagalabi updated to JORC

geochemical anomalism within the untested extensions to the main system and to define potential pathfinder elements to help with vectoring towards mineralisation.

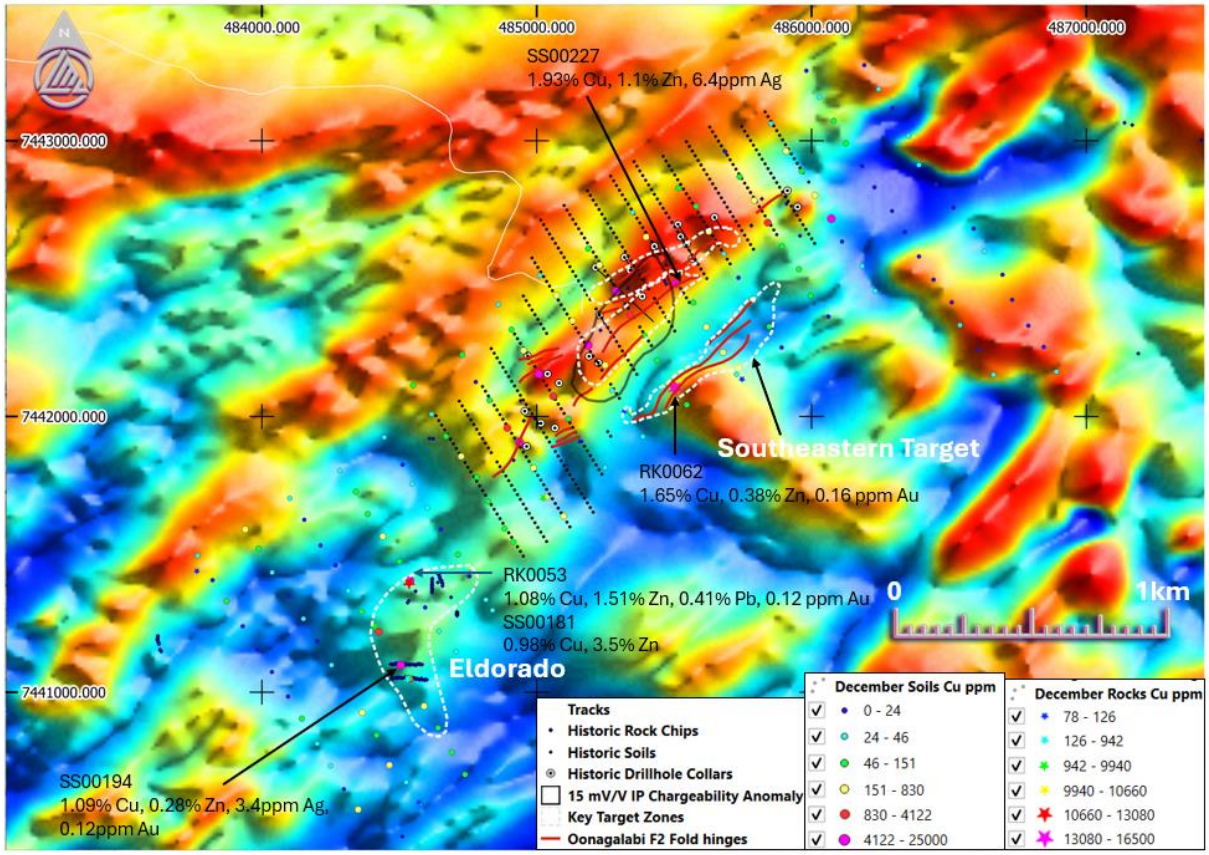

Figure 1. *Oonagalabi drone magnetics TMI RTP image with December copper soil and rock samples and historic rock and soil locations.*

Soil sampling defined a 900m x 100m zone of Cu-Zn-Pb-Ag anomalism (+0.1% Cu, +0.1% Zn) within the central Oonagalabi system (**Figure 1**) that is coincident with historic sampling and confirms the validity of using a 200m x 100m sampling grid to detect and define this size and type of geochemical anomaly (**Appendix 1**).

Peak soil assay results include Cu (1.65%), Zn (3.6%, Pb (0.09%), Ag (8.2 ppm) and Au (0.13ppm), **Table 1**. Sampling also confirmed the prospectivity of the Silverado prospect area, located 800m southeast of the southwestern most drillhole (PDH-A) and defined at 500m strike of +0.1% Cu/Zn anomalism.

An additional area of new anomalism, albeit at lower levels, was identified 300m to the southeast of the main exposed system where a narrow zone of tightly folded Oonagalabi Formation (garnet quartzite and rare marble) was mapped over a 400m strike. **This also means we have extended the potential width of the known system (to greater than 1km wide).**

Both Silverado and the southeastern area are considered significant in terms of defining the considerable scale of the original Oonagalabi system and for potentially identifying additional base metal mineralisation at depth.

Sample_ID	East	North	RL	Date	Cu	Zn	Pb	Ag	Au	Bi	Cd	Ga	In	Mg	Mn	Mo	Sn	W
SS00227	485505	7442482	852	8/12/2024	19300	11000	316	6.4	0.12	19.4	10.5	13.6	0.6	38000	2350	1.5	17.9	4.5
SS00194	484505	7441098	848	6/12/2024	10900	9280	341	3.4	0.12	7.3	5	13.6	0.4	38800	1450	3	8.3	3.5
SS00181	484539	7441404	823	5/12/2024	9800	35000	397	1.2	0.1	4.3	27.5	7	3.15	60700	1580	2	9.9	16
SS00289	484937	7441906	849	11/12/2024	9700	8870	668	1.4	0.03	13.3	7	9.4	1.6	96000	3210	1	10.3	35
SS00278	485008	7442154	833	10/12/2024	8730	884	438	0.8	0.1	49.5	1	23.2	1.85	24100	1440	4	34.3	52.5
SS00265	485187	7442258	817	9/12/2024	7610	36000	612	8.2	0.13	12.2	8	15.6	2.05	36600	3450	2	11.8	24.5
SS00261	485289	7442454	829	9/12/2024	5200	12100	583	2	0.06	29.9	10	13.6	1.7	38800	2830	1.5	9.1	30.5
SS00262	485340	7442368	833	9/12/2024	3660	1840	198	1.8	0.02	13.3	3.5	18.2	0.3	29800	1440	2	12.7	10.5
SS00226	485453	7442572	835	8/12/2024	3390	3080	414	3.6	0.08	54.1	1.5	21.2	0.4	34900	1940	2	12.7	22.5
SS00195	484538	7441048	857	6/12/2024	2980	34600	390	5	0.07	8.8	22.5	12.8	0.9	34100	1970	4.5	6.4	19.5
SS00277	485060	7442073	820	10/12/2024	2660	4060	912	6.2	0.05	12.8	11	13.6	0.3	44600	5020	1	7.2	10
SS00247	485840	7442703	826	9/12/2024	2010	874	49	0.4	0.02	68.2	1	23.8	0.25	25700	1120	1	19.4	62
SS00288	484893	7441958	857	11/12/2024	1960	1730	46	0.4	0.01	8.9	2	16.8	0.25	17800	980	1.5	5.7	18.5
SS00193	484425	7441219	828	6/12/2024	1250	10300	858	1.4	0.02	10.6	17.5	13	0.25	47900	2210	2	3.9	6.5

***Table 1**. December soil sampling assay highlights showing all +0.1% Cu results and positively correlated trace elements (all in ppm)*

Rock Chip Sampling

Rock chip sampling focused on assessing geochemical anomalism outside of the central system, mainly at Silverado and the southeastern area (**Figure 2, Appendix 2, Table 1 JORC Code**). The Rock chip sampling campaign mainly focused on assessing mineralised outcrops within the untested extensions to the main system.

Peak rock chip results recorded include Cu (1.65%), Zn (1.65%, Pb (0.41%), Ag (7.2ppm) and Au (0.16ppm), **Table 2**. Sampling at Silverado confirmed historical rock chip anomalism with

new assays peaking at 1.08% Cu, 1.65% Zn (RK0056), 0.41% Pb (RK0053) and Ag (5g/t). Sampling focused on a +400m strike of Oonagalabi Formation (marble, anthophyllite, phlogopite) that appears to form an open syncline.

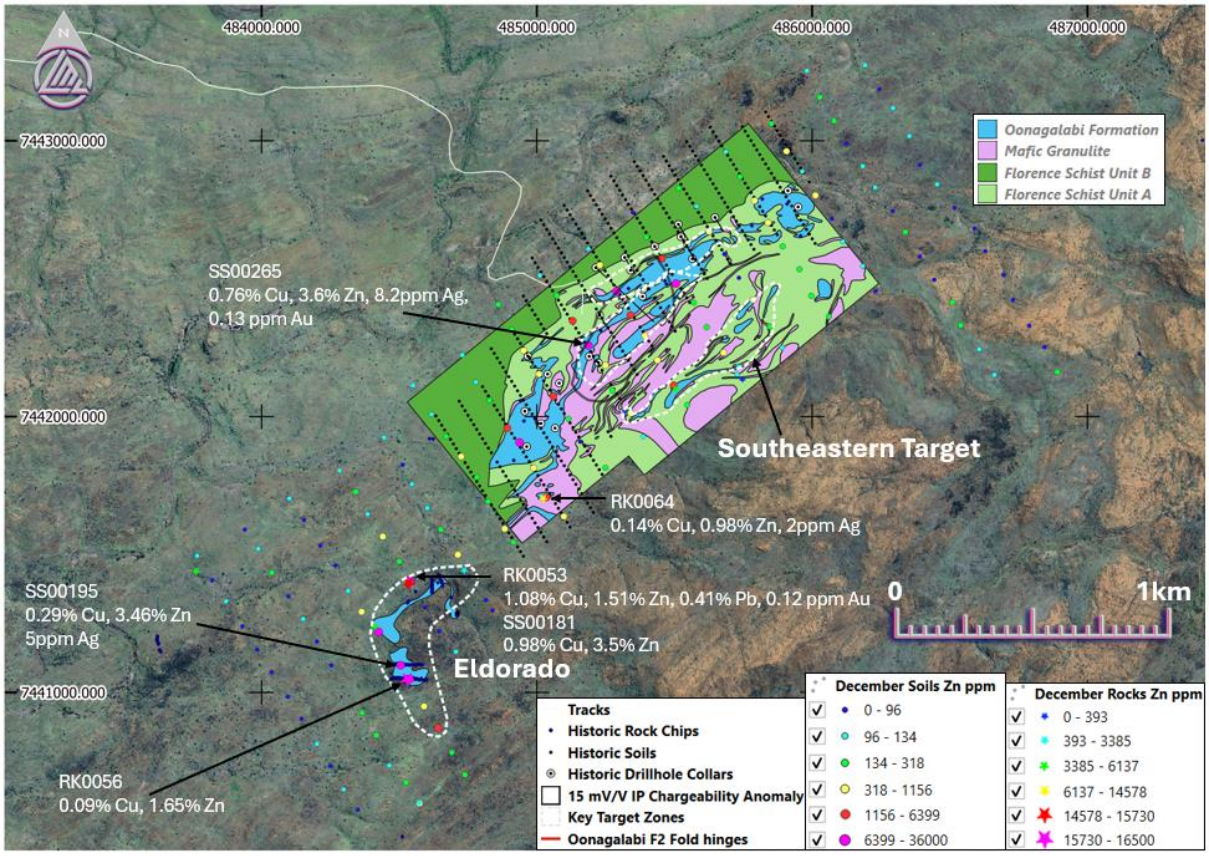

Figure 2. *Oonagalabi drone magnetics TMI RTP image with December copper soil and rock samples and historic rock and soil locations.*

Sampling southeast of the central zone focused on a 400m strike of tightly folded Oonagalabi Formation (5m true thickness of garnet quartzite, marble). The thickness and metal anomalism of both sampled areas indicate that these areas most likely formed within the distal parts of the original Oonagalabi hydrothermal system.

The southeastern area is considered a higher priority target than Silverado given its proximity to the central Oonagalabi mineralised zone and that the full mineralised sequence is likely preserved at depth as for the key targets in the central part of Oonagalabi.

Sample_ID	East	North	RL	Date	Cu	Zn	Pb	Ag	Au	Bi	Co	Fe	In	Mg	Mn	P	Sc	V
RK0052	484736	7441442	824	4/12/2024	942	998	16	0.4	0.02	6.7	4	119000	0.55	6200	544	150	2	15
RK0053	484535	7441396	826	4/12/2024	10800	15100	4100	1.8	0.12	8.2	13	48800	0.4	59800	1960	650	30	140
RK0054	484411	7441239	825	6/12/2024	9940	4740	950	7.2	0.05	42.1	18	60800	0.3	114000	4630	100	0.5	20
RK0055	484534	7441051	858	6/12/2024	3290		197	2	0.04	3.8	32	65100	2.75	74100	4050	200	0.5	10
RK0056	484530	7441047	857	6/12/2024	904	16500	116	0.4	0.01	1.4	6	33200	0.15	129000	638	150	2	15
RK0057	484572	7440600	857	6/12/2024	126	480	50	0.1	<0.01	0.1	2	16300	0.025	1900	230	150	0.5	2.5
RK0058	483763	7441439	756	6/12/2024	120	4890	21	0.1	<0.01	0.2	4	10600	0.1	10600	228	100	0.5	5
RK0059	485734	7442180	875	8/12/2024	10100	2970	19	0.8	0.11	18.8	11	121000	1.8	67900	2270	950	13	70
RK0060	485747	7442135	874	8/12/2024	154	122	68	0.1	<0.01	0.2	2	16800	0.025	3100	476	100	1	2.5
RK0061	485747	7442135	874	8/12/2024	78	70	5	0.1	0.01	0.05	3	5400	0.025	19900	220	100	1	10
RK0062	485505	7442100	896	10/12/2024	16500	3800	31	0.2	0.16	84.6	27	111000	1	84800	2280	150	0.5	15
RK0063	485318	7442017	845	10/12/2024	80	134	24	0.1	<0.01	0.5	3	16100	0.025	4300	218	50	2	5
RK0064	485023	7441703	825	11/12/2024	1440	9880	308	2	0.02	1.7	4	21100	0.1	6600	5420	450	0.5	60

***Table 2**. December rock chip sampling assays for base and precious metals and positively correlated trace elements (all in ppm).*

2025 Exploration Plan

Litchfield Minerals intends to aggressively explore the Oonagalabi prospect during the 2025 field season, starting with an Induced Polarisation (IP) and gravity survey. Planetary Geophysics has been contracted to complete (early to mid-February) a 3.5km x 2km ground gravity survey (100m x 50m grid) over the broader Oonagalabi mineralised trend and up to 9 line kilometres of Pole-Dipole IP over the central IP chargeability anomaly to confirm the interpreted pipe structure and improve drillhole targeting. Litchfield will then complete a focused drilling campaign to test any significant IP chargeability, density, magnetic and resistivity anomalies. Additional drilling may be completed depending on the success of the Phase 1 drilling.

Potential Rain Event

A tropical cyclone is forecast to develop in the Gulf of Carpentaria around the 30th of January, with current models indicating it may track into Central Australia by the 2nd of February. This weather event is expected to be significant and could impact our planned work at Mount Doreen. Litchfield Minerals will closely monitor the situation over the coming days, as it may necessitate a delay in the drilling campaign on that lease to avoid unnecessary expenditure and logistical challenges during adverse weather conditions.

If the weather event impacts access to the Mount Doreen area, it will likely be restricted for at least a month while the backcountry dries out. This delay will have flow-on effects, including the need to reschedule earthmoving equipment and securing a driller. Hence, if this occurs, it is unlikely that drilling at Mount Doreen could commence before mid-to-late March.

In the event of a delay, we will redirect the next phase of our exploration focus to the Oonagalabi Project, with plans to prioritise drilling there once the Environmental Mining License is finalised, which is anticipated in the first week of March. On Monday, 3rd February, Planetary Geophysics is scheduled to commence the IP survey at Oonagalabi, followed by the gravity survey upon its completion. This adjustment will allow us to maintain momentum in our exploration efforts while ensuring efficient resource allocation, hereby demonstrating our ongoing commitment to our shareholders to diligently implement our exploration commitments.

Cautionary Statement

Mapping has defined a +3km long zone of sediment-hosted base metal mineralisation, however, this is considered the footprint of the original hydrothermal system and any zone of potentially economic mineralisation is likely to have a smaller strike length. The main exploration targets are located in areas where the target Oonagalabi Formation has steep dips and is concealed at depth, particularly in the central and southeastern Oonagalabi areas. Although it is likely that concealed mineralisation exists in these areas, the grade and tonnage of mineralised material is unknown and requires drilling to confirm.

Forward looking statement

This announcement may include forward-looking statements, which are subject to risks and uncertainties. Actual results could differ significantly due to factors beyond LMS's control, including market conditions and industry-specific risks. These forward-looking statements are based on the Company's expectations and beliefs concerning future events. No warranty is given regarding the completeness of the information provided. Please avoid placing undue reliance on forward-looking statements, as they reflect views only as of the announcement date.

About Litchfield Minerals

Litchfield Minerals is a critical mineral explorer, primarily searching for base metals and uranium out of the Northern Territory of Australia. Our mission is to be a pioneering copper exploration company committed to delivering cost-effective, innovative and sustainable exploration solutions. We aim to unlock the full potential of copper and other mineral resources while minimising environmental impact, ensuring the longevity and affordability of this essential metal for future generations. We are dedicated to involving cutting-edge technology, responsible practices and stakeholder collaboration drives us to continuously redefine the industry standards and deliver value to our investors, communities and the world.

The announcement has been approved by the Board of Directors.

For further information please contact:

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Competent Person's Statement

The information in this Presentation that relates to Exploration Results is based on, and fairly represents, information and supporting documentation compiled by Mr Russell Dow (MSc, BScHons Geology), a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy (AUSIMM) and is a full-time employee of Litchfield Minerals Limited. Mr Dow has sufficient experience that is relevant to the style of mineralisation and types of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Dow consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. With regard to the Company's ASX Announcements referenced in the above Announcement, the Company is not aware of any new information or data that materially affects the information included in the Announcements.

Appendix 1. December 2024 Soil Sampling Assays

Sample_#	East	North	RL	Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cs	Cu	Fe	Ga	Hf	In	K	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb
SS00140	485981	7443254	813	4/12/2024	<0.2	62400	3	874	1.5	0.1	9100	<0.5	4	30	1.1	8	32800	20.4	7.6	0.1	30600	<10	4600	466	1	14300	12.5	12	200	29	121	<0.1	150	0.2
SS00141	486028	7443158	809	4/12/2024	<0.2	64700	2	212	1.5	0.2	63600	<0.5	38	90	1.5	30	64400	17.8	2.2	0.1	9000	10	36000	1210	<0.5	11900	10.5	80	350	13	53.4	<0.1	200	0.2
SS00142	486080	7443072	818	4/12/2024	<0.2	69600	3	282	1.5	0.3	48400	<0.5	33	90	1.4	70	87600	22.2	3.8	0.1	8100	<10	22300	1860	0.5	12000	13	40	550	15	43.4	<0.1	200	0.2
SS00143	486125	7442991	828	4/12/2024	<0.2	70900	3	336	1	0.2	20000	<0.5	27	180	1.9	80	62300	18.4	4.2	0.05	12100	10	15900	876	1	6000	9	80	300	14	64.6	<0.1	200	0.3
SS00144	486184	7442908	825	4/12/2024	<0.2	59700	4	586	1.5	0.3	13600	<0.5	10	50	1.6	20	42500	19.8	10	0.1	22100	<10	8900	634	0.5	11000	13	22	300	20	109	<0.1	150	0.2
SS00145	486229	7442831	811	4/12/2024	<0.2	62100	3	446	1.5	0.2	23500	<0.5	17	90	1.4	22	61000	19	8.2	0.1	16500	<10	13800	1490	0.5	10400	12	40	300	20	85	<0.1	150	0.2
SS00146	486293	7442745	824	4/12/2024	<0.2	52300	4	618	1	0.1	8900	<0.5	8	30	1.3	18	34900	16.4	9.2	0.05	24600	<10	5500	822	1	7600	9.5	16	250	22	115	<0.1	150	0.2
SS00147	486339	7442669	857	4/12/2024	<0.2	57600	4	668	1	0.2	6500	<0.5	8	30	1.5	16	35400	17.8	8	0.05	28000	<10	4900	472	1	5400	11.5	16	250	45	141	<0.1	250	0.3
SS00148	486391	7442580	881	4/12/2024	<0.2	52800	3	672	1	0.1	7700	<0.5	5	30	1.2	10	33100	16.2	10.2	0.05	27400	<10	4800	636	0.5	7800	9.5	14	200	22	126	<0.1	250	0.3
SS00149	486444	7442496	860	4/12/2024	<0.2	70700	4	610	1.5	0.1	9300	<0.5	8	30	2	16	34800	20.8	9.6	0.05	26700	10	7100	436	1	12600	15	18	350	21	149	<0.1	150	0.2
SS00151	486510	7442414	881	4/12/2024	<0.2	68400	4	596	1.5	0.2	8900	<0.5	9	30	2	18	37600	19.8	8	0.05	30500	10	5600	446	1.5	11500	14.5	18	250	62	165	<0.1	350	1
SS00152	486540	7442331	901	4/12/2024	<0.2	74100	3	434	2	0.2	28400	<0.5	24	130	2.7	28	84700	24.8	5.4	0.1	17600	10	16000	1150	1	11600	16.5	30	1250	23	126	<0.1	300	0.3
SS00153	486607	7442244	920	4/12/2024	<0.2	79200	2	328	1.5	0.2	32100	<0.5	28	160	2.5	24	84500	22.6	4.4	0.1	13900	10	22900	1340	0.5	9600	13.5	52	600	21	96.6	<0.1	400	0.2
SS00154	486662	7442151	915	4/12/2024	<0.2	79200	3	392	1.5	0.2	30300	<0.5	26	150	2	34	75000	21.6	4.2	0.1	14900	10	17800	1260	0.5	10100	13	46	550	22	78.4	<0.1	300	0.3
SS00155	486891	7442162	886	4/12/2024	<0.2	76800	2	554	2	0.2	35600	<0.5	29	260	2.2	42	82600	21.4	4.6	0.1	14900	10	24100	1420	0.5	11600	15	78	1050	21	97.8	<0.1	300	0.2
SS00156	486845	7442252	899	4/12/2024	<0.2	67700	6	384	2	0.1	11700	<0.5	10	50	2	14	40100	21.2	15.4	0.05	16900	10	9800	568	0.5	18400	15	24	450	24	99.2	<0.1	150	0.2
SS00157	486789	7442329	916	4/12/2024	<0.2	71100	6	582	1.5	0.1	7300	<0.5	9	30	1.8	6	44300	22	18.6	0.05	32700	<10	5100	462	1.5	12600	16	18	300	24	169	<0.1	200	0.2
SS00158	486730	7442423	909	4/12/2024	<0.2	79800	2	558	1.5	0.2	18000	<0.5	19	50	2.2	20	51500	22.8	5.6	0.1	21200	10	13300	808	0.5	15900	13.5	42	200	23	124	<0.1	200	0.2
SS00159	486695	7442514	864	4/12/2024	<0.2	67100	3	540	1.5	0.1	15600	<0.5	14	50	1.5	16	45900	19.8	11	0.05	23700	<10	9300	704	1	14100	12.5	32	200	17	122	<0.1	150	0.2
SS00160	486629	7442599	843	4/12/2024	<0.2	71800	2	340	2	0.1	25700	<0.5	25	80	2	34	66500	23	4.6	0.1	15700	10	16100	908	0.5	12100	13	36	450	14	112	<0.1	150	0.1
SS00161	486590	7442681	828	4/12/2024	<0.2	54600	2	414	1.5	0.2	47000	<0.5	13	30	2.2	14	43200	17.8	7	0.1	16600	10	16400	744	0.5	10800	12.5	22	350	15	103	<0.1	250	0.1
SS00162	486517	7442757	821	4/12/2024	<0.2	58500	3	630	1	0.1	9900	<0.5	10	30	1.6	10	37800	18.8	6.6	0.1	25100	<10	7700	700	1	8700	12.5	16	300	23	127	<0.1	200	0.2
SS00163	486454	7442842	831	4/12/2024	<0.2	60600	2	484	1.5	0.1	20200	<0.5	15	90	1.9	18	50100	19.8	7	0.1	19200	<10	11900	814	<0.5	10300	12.5	36	250	21	109	<0.1	150	0.1
SS00164	486391	7442912	840	4/12/2024	<0.2	71300	2	264	1	0.1	37200	<0.5	34	160	1.3	40	84500	22	3.4	0.1	9400	10	19800	1160	0.5	10200	9.5	66	550	10	47.6	<0.1	200	0.1
SS00165	486353	7443017	823	4/12/2024	<0.2	75100	2	360	1.5	0.2	35100	<0.5	31	110	2.6	42	85500	23.8	3.4	0.1	12300	10	19600	1180	0.5	11500	12	52	550	13	84.6	<0.1	250	0.1
SS00166	486294	7443119	828	4/12/2024	<0.2	71000	2	424	1.5	0.2	23600	<0.5	28	110	4.2	24	85000	24.4	4.2	0.1	16000	10	17600	1180	0.5	9800	14.5	44	600	19	113	<0.1	300	0.2
SS00167	486244	7443187	825	4/12/2024	<0.2	70700	3	274	2	0.2	26900	<0.5	27	210	2.3	38	77900	22.2	5.6	0.05	14100	10	16500	1350	0.5	9900	15	66	350	18	95.8	<0.1	200	0.1
SS00168	486192	7443274	810	4/12/2024	<0.2	74200	2	390	1.5	0.1	37900	<0.5	27	80	2	22	87600	23.4	3.6	0.1	12900	10	19700	1430	0.5	12700	16.5	34	1000	14	79	<0.1	350	0.2
SS00169	484445	7441924	777	5/12/2024	<0.2	62500	2	422	1.5	0.2	32900	<0.5	22	130	3.4	26	55800	20.6	5	0.1	14300	10	21900	844	0.5	8700	14.5	54	1000	15	109	<0.1	250	0.2
SS00170	484512	7441825	779	5/12/2024	<0.2	63800	2	634	1.5	<0.1	12700	<0.5	9	30	1.5	20	39200	20.4	8.2	0.1	24600	<10	7400	558	1	11400	14.5	16	300	16	129	<0.1	200	0.2
SS00171	484546	7441755	791	5/12/2024	<0.2	73000	2	390	2	0.2	27300	<0.5	19	90	2.1	32	60900	23	6.4	0.1	16300	10	18200	898	1	14400	15.5	40	550	16	106	<0.1	150	0.2
SS00172	484602	7441668	798	5/12/2024	<0.2	72200	3	378	1.5	0.2	25500	<0.5	22	110	3.2	32	56200	22.2	6	0.1	17300	10	18600	836	0.5	12400	14.5	54	550	18	131	<0.1	200	0.2
SS00173	484651	7441590	797	5/12/2024	<0.2	65900	3	590	2	0.1	10300	<0.5	11	30	2.1	24	39800	22.4	10.4	0.1	24800	10	9900	680	1	11200	21.5	18	300	20	149	<0.1	200	0.2
SS00174	484713	7441499	809	5/12/2024	<0.2	75800	3	416	2	0.3	21900	1	20	90	2.7	88	53800	22.8	7.8	0.1	19800	10	17400	866	0.5	12300	13	48	300	48	146	<0.1	200	0.2
SS00175	484755	7441420	837	5/12/2024	<0.2	65400	3	670	1	0.1	9000	<0.5	10	50	1.5	12	32000	20.6	6.6	0.1	27200	10	8300	448	<0.5	12600	14.5	26	250	18	120	<0.1	150	0.1
SS00176	484815	7441335	857	5/12/2024	<0.2	60200	3	600	1.5	0.1	8100	<0.5	8	30	1.3	44	28500	18.8	7	0.05	16800	<10	6300	380	0.5	15700	12	14	250	17	77.4	<0.1	150	0.2
SS00177	484839	7441297	869	5/12/2024	<0.2	66400	3	614	1.5	0.1	11000	<0.5	14	30	1.4	38	38300	20.8	7.2	0.1	19900	10	9300	564	0.5	13200	13	26	250	16	98.4	<0.1	150	0.2
SS00178	484706	7441147	833	5/12/2024	<0.2	72700	2	380	2	0.2	19800	<0.5	23	80	1.9	38	48200	21.6	5.8	0.1	13500	10	15200	720	0.5	14400	13	46	250	22	93	<0.1	150	0.2
SS00179	484644	7441221	844	5/12/2024	<0.2	61300	3	670	1.5	0.1	11300	<0.5	9	30	1.5	30	31100	18	6	0.05	20200	<10	8400	464	<0.5	13700	12	20	250	21	96	<0.1	150	0.2
SS00180	484594	7441307	830	5/12/2024	<0.2	64300	3	540	1.5	0.1	11200	<0.5	12	50	1.6	16	36900	19.6	7.4	0.05	19000	<10	9300	578	0.5	15100	13.5	30	250	18	89.4	<0.1	150	0.2
SS00181	484539	7441404	823	5/12/2024	1.2	13100	3	144	3.5	4.3	63200	27.5	23	<10	0.7	9800	65300	7	1	3.15	4200	<10	60700	1580	2	2700	3	16	300	397	20	<0.1	150	0.5
SS00182	484500	7441474	806	5/12/2024	<0.2	73200	2	590	2	0.1	17000	<0.5	13	50	1.4	68	47700	22.4	10.6	0.1	23100	<10	11200	808	1	15400	15	28	250	21	121	<0.1	150	0.1
SS00183	484440	7441565	802	5/12/2024	<0.2	69900	4	498	1.5	0.2	19400	<0.5	16	80	2.2	262	53300	21.6	8.2	0.15	20900	10	14400	814	1	14000	14.5	32	400	28	134	<0.1	150	0.1
SS00184	484385	7441646	798	5/12/2024	<0.2	66500	2	616	2	0.1	12900	<0.5	12	80	2	138	39700	21.4	8.6	0.1	21900	<10	8700	674	1	11900	14.5	30	250	20	131	<0.1	350	0.1
SS00185	484342	7441727	793	5/12/2024	<0.2	65800	2	518	2	0.1	18300	<0.5	14	80	1.9	78	48300	22.2	8	0.1	19900	<10	12200	866	1	12200	18	26	200	17	127	<0.1	150	0.2
SS00186	484283	7441804	777	5/12/2024	<0.2	60000	3	486	2	0.6	31800	<0.5	10	80	2.3	26	41300	18.8	6	0.1	17500	<10	7100	1200	1	9500	20.5	22	350	16	94.8	<0.1	200	0.5
SS00187	484101	7441703	776	6/12/2024	<0.2	65900	2	502	1.5	0.1	17200	<0.5	17	90	2	40	48500	20.6	7.6	0.1	20600	<10	13200	680	1	13000	17.5	38	250	16	128	<0.1	200	0.2
SS00188	484154	7441625	789	6/12/2024	<0.2	60300	3	620	1.5	0.2	11700	<0.5	10	30	1.8	20	37100	19.2	10.6	0.1	23000	<10	7100	566	1	11800	15.5	18	250	17	122	<0.1	150	0.2
SS00189	484213	7441532	787	6/12/2024	<0.2	56700	2	626	1.5	0.1	7800	<0.5	4	30	1.4	12	25500	18.4	6.2	0.05	26500	<10	4200	310	0.5	13300	12	12	200	17	133	<0.1	150	0.1
SS00190	484268	7441460	777	6/12/2024	<0.2	66300	2	536	1.5	0.1	13800	<0.5	11	30	1.6	14	44100	20.8	7.8	0.1	22800	<10	8700	576	0.5	15400	16	16	250	15	128	<0.1	150	0.2
SS00191	484314	7441368	784	6/12/2024	<0.2	71500	9	476	2	0.1	15400	<0.5	15	80	3.2	26	51300	23	11.2	0.05	20000	10	11700	648	0.5	11600	16	28	750	29	156	<0.1	150	0.1
SS00192	484363	7441292	808	6/12/2024	<0.2	72200	2	332	1.5	0.6	36500	1	28	160	2.7	140	61700	20.8	3.8	0.1	12800	10	26300	1260	0.5	11100	12	78	500	58	92	<0.1	300	0.2
SS00193	484425	7441219	828	6/12/2024	1.4	37600	4	252	1	10.6	44400	17.5	15	50	1.8	1250	60700	13	2.6	0.25	9800	10	47900	2210	2	5200	7	22	300	858	58.4	<0.1	400	7.9
SS00194	484505	7441098	848	6/12/2024	3.4	39600	3	232	1	7.3	19300	5	12	80	2.3	10900	64100	13.6	2.4	0.4	10200	10	38800	1450	3	4200	9	26	550	341	65.4	<0.1	300	0.5
SS00195	484538	7441048	857	6/12/2024	5	36300	3	286	1.5	8.8	22200	22.5	16	80	2.7	2980	58200	12.8	3	0.9	10700	10	34100	1970	4.5	4000	8.5	24	600	390	67.8	<0.1	250	0.6
SS00196	484590	7440949	840	6/12/2024	0.2	70600	3	562	2	0.4	14300	<0.5	16	90	2.9	474	49300	22.4	4.2	0.1	21000	20	14600	774	1	10100	13.5	38	400	40	141	<0.1	250	0.2
SS00197	484641	7440870	840	6/12/2024	0.2	69900	4	626	2	0.5	15600	1	15	80	1.8	146	44600	22	7	0.15	20900	10	14000	740	0.5	15200	14.5	44	300	35	120	<0.1	200	0.2
SS00198	484691	7440782	849	6/12/2024	<0.2	68800	3	244	1.5	0.2	16700	<0.5	17	50	1.3	74	44300	20.4	5.8	0.05	11500	<10	12300	830	0.5	21500	12	32	250	17	63.6	<0.1	200	0.2
SS00199	484739	7440701	860	6/12/2024	<0.2	65100	4	564	1.5	0.1	12800	<0.5	10	30	1.1	110	34100	20.6	9.2	0.1	16600	<10	8500	624	<0.5	18200	13	60	250	20	70.8	<0.1	150	0.1
SS00201	484574	7440597	857	6/12/2024	<0.2	69800	4	374	1.5	0.2	25600	0.5	27	130	2	42	67000	20.8	5.8	0.1	13800	<10	18100	1090	1	12000	17.5	72	500	60	95.4	<0.1	450	0.9
SS00202	484525	7440673	839	6/12/2024	<0.2	65700	4	500	1.5	0.1	16300	<0.5	14	80	2.1	26	49000	20.6	10.4	0.1	20200	10	12000	694	0.5	11600	13.5	30	400	33	118	<0.1	200	0.3
SS00203	484464	7440735	806	6/12/2024	<0.2	68300	2	392	1.5	0.1	24600	<0.5	18	110	1.6	222	50500	19	4.2	0.05	19500	<10	15800	894	0.5	14100	10	46	250	25	108	<0.1	450	0.3
SS00204	484417	7440844	817	6/12/2024	<0.2	67300	3	644	1.5	0.1	14100	<0.5	12	50	1.3	50	43600	21	9.6	0.1	22000	<10	8000	774	1	13100	11.5	24	250	27	101	<0.1	200	0.2
SS00205	484365	7440926	793	6/12/2024	<0.2	67600	3	628	1.5	0.1	15400	<0.5	14	80	1.9	212	45800	20.6	13.6	0.1	23200	10	11900	730	0.5	12200	16	34	300	25	133	<0.1	200	0.2
SS00206	483939	7441590	767	7/12/2024	<0.2	77200	2	606	1.5	0.1	21500	<0.5	19	80	3.5	228	48300	22.4	6	0.05	19300	20	15400	774	0.5	13500	15.5	40	600	16	131	<0.1	300	0.2
SS00207	483988	7441520	783	7/12/2024	<0.2	80600	2	352	2	0.2	36200	<0.5	27	110	3.5	102	64900	23	6	0.1	14500	20	22400	1070	0.5	16200	15	66	750	15	109	<0.1	200	0.4
SS00208	484037	7441434	778	7/12/2024	<0.2	66300	2	542	1.5	0.1	15000	<0.5	13	50	1.9	30	54600	20.6	5.8	0.1	19000	<10	11400	802	1	12500	13.5	26	250	17	102	<0.1	200	0.2
SS00209	484097	7441348	779	7/12/2024	<0.2	65800	3	612	1.5	<0.1	12300	<0.5	10	30	1.5	14	41900	22.2	7	0.1	25500	<10	7600	556	1	14200	13.5	22	250	20	136	<0.1	150	0.1
SS00210	484151	7441266	780	7/12/2024	<0.2	60700	2	494	1.5	0.1	15600	<0.5	13	50	1.6	28	44500	19	8.6	0.1	18800	<10	11600	748	0.5	14000	13	20	250	15	121	<0.1	200	0.1
SS00211	484201	7441184	797	7/12/2024	<0.2	66500	2	422	2	<0.1	22600	<0.5	20	80	1.4	18	64700	22.2	6.2	0.15	15900	<10	14400	1050	0.5	16300	15.5	30	300	15	98.6	<0.1	200	0.1
SS00212	484253	7441098	798	7/12/2024	<0.2	70300	2	468	1.5	<0.1	22900	<0.5	22	80	1.5	32	60900	20.6	4.8	0.1	16500	<10	15300	952	0.5	15200	15	38	400	14	106	<0.1	200	0.1
SS00213	484350	7440574	810	7/12/2024	<0.2	67900	3	446	1.5	0.2	16100	<0.5	15	50	2.1	288	45800	19.8	5.8	0.05	23900	<10	11600	702	0.5	11400	12	32	300	25	144	<0.1	350	0.2
SS00214	484298	7440648	797	7/12/2024	<0.2	69700	2	592	1.5	0.1	15500	<0.5	12	50	1.5	10	44300	21.4	7.8	0.1	21200	<10	8900	624	0.5	15200	13.5	26	300	25	113	<0.1	150	0.2
SS00215	484249	7440733	776	7/12/2024	<0.2	67500	4	510	1.5	0.1	20900	<0.5	16	80	2.2	26	55600	19	5.6	0.1	20600	10	13200	852	0.5	11600	13.5	36	650	21	122	<0.1	250	0.2
SS00216	484201	7440813	773	7/12/2024	<0.2	63100	2	532	1.5	0.1	40600	<0.5	14	80	1.9	36	43900	18	4.8	0.05	19100	10	13900	654	0.5	12300	12	38	650	15	106	<0.1	300	0.2
SS00217	484145	7440904	778	7/12/2024	<0.2	75200	2	400	1	0.1	24700	<0.5	29	160	2.2	50	65000	18.8	4.6	0.05	15000	<10	17200	956	0.5	11600	11.5	90	300	12	101	<0.1	200	0.2
SS00218	484095	7440984	774	7/12/2024	<0.2	75000	2	692	1.5	<0.1	17500	<0.5	14	30	1.4	16	53200	22	5.8	0.1	27400	<10	9900	688	0.5	15800	15	20	300	14	152	<0.1	150	0.1

Sample_#	East	North	RL	Date	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Au
SS00140	485981	7443254	813	4/12/2024	6	<5	3	88.5	0.8	<0.2	46.1	2650	0.4	3.7	35	1	38.6	116	268	88.3	186	22.9	88.5	17.9	2.3	16.8	2	9.25	1.54	4.15	0.55	3.9	0.58	<0.01
SS00141	486028	7443158	809	4/12/2024	24	<5	3.7	183	0.9	<0.2	9.4	4650	0.2	1	145	1	38	180	64	22	50.8	6.7	28.8	6.65	1.55	7.2	1.16	7.4	1.46	4.25	0.55	4	0.58	<0.01
SS00142	486080	7443072	818	4/12/2024	27	<5	3.9	178	1.2	<0.2	9.6	8800	0.2	1.5	230	2	43.2	164	140	26.8	60.9	7.85	33.3	7.65	2.05	8.6	1.36	8.4	1.66	4.9	0.65	4.5	0.66	0.01
SS00143	486125	7442991	828	4/12/2024	20	<5	2.6	88.5	0.8	<0.2	13.8	4400	0.3	1.5	145	1	24	78	140	29.9	62.7	7.6	30	6	1.2	5.8	0.86	5	0.94	2.7	0.35	2.6	0.38	<0.01
SS00144	486184	7442908	825	4/12/2024	9	<5	3.9	86	1.1	<0.2	48.3	3700	0.4	4	60	1.5	45.5	110	334	90.6	190	24	92.3	18.9	2.1	18	2.18	10.7	1.8	4.85	0.65	4.5	0.68	<0.01
SS00145	486229	7442831	811	4/12/2024	16	<5	3.1	85	1	<0.2	41	5250	0.3	3.4	85	2	74.6	110	292	78.1	166	20.8	80	17	2.1	17.8	2.6	15.3	2.92	8.35	1.1	7.65	1.12	<0.01
SS00146	486293	7442745	824	4/12/2024	7	<5	2.4	66.5	0.7	<0.2	53.9	2800	0.4	4.1	45	1	47.2	70	306	92.9	198	24.4	94.3	19.3	2	18.4	2.26	11.2	1.9	5.05	0.65	4.55	0.68	<0.01
SS00147	486339	7442669	857	4/12/2024	8	<5	2.3	64	0.8	<0.2	57.5	2900	0.6	3.6	45	1	38.9	168	286	87.6	181	22.6	85.3	17.2	2.05	16	2	9.5	1.54	3.95	0.45	3.35	0.5	<0.01
SS00148	486391	7442580	881	4/12/2024	7	<5	2	61.5	0.6	<0.2	49.9	2600	0.6	3.6	40	1	39.8	60	308	76.5	167	20.1	76	15.4	1.75	14.6	1.88	9.6	1.62	4.3	0.55	4.35	0.6	<0.01
SS00149	486444	7442496	860	4/12/2024	9	<5	3.5	82	1	<0.2	67.9	3250	0.7	4.5	50	1	47.2	56	292	115	230	29.2	110	21.2	2.1	18.8	2.4	12	1.96	4.85	0.55	3.9	0.56	<0.01
SS00151	486510	7442414	881	4/12/2024	8	<5	2.5	77.5	1.1	<0.2	35.8	3450	0.8	3.4	55	1	33.4	232	258	68.1	127	16.8	61.9	11.9	1.55	11	1.48	7.65	1.32	3.65	0.45	3	0.44	<0.01
SS00152	486540	7442331	901	4/12/2024	20	<5	5	148	1.3	<0.2	34.9	7700	0.6	2.4	200	1.5	46.3	138	174	74.9	152	19.2	71.9	14.1	2.25	13.2	1.8	10.1	1.82	4.95	0.6	4.1	0.6	<0.01
SS00153	486607	7442244	920	4/12/2024	26	<5	5.1	133	1.2	<0.2	25.6	6200	0.4	1.9	195	1	44.8	124	154	52.5	110	13.2	51.5	10.4	1.85	10.2	1.52	9.4	1.74	4.95	0.65	4.5	0.66	<0.01
SS00154	486662	7442151	915	4/12/2024	24	<5	3.6	130	1.2	<0.2	27.7	7150	0.3	1.9	185	1	49.4	120	156	49.9	105	12.6	49.3	10.5	1.85	10.4	1.58	9.7	1.84	5.45	0.75	5.3	0.8	<0.01
SS00155	486891	7442162	886	4/12/2024	26	<5	4.4	182	1.4	<0.2	20.4	8800	0.4	2.2	205	1	46.9	138	166	46.4	95.4	12.3	49.4	10.9	2.3	11	1.6	9.6	1.78	5.1	0.65	4.7	0.68	<0.01
SS00156	486845	7442252	899	4/12/2024	10	<5	3.9	75.5	1.3	<0.2	128	4300	0.4	7.4	70	1	76.2	66	486	179	378	47.9	190	36.2	2.35	31.6	3.92	19.8	3.18	7.7	0.85	5.9	0.86	<0.01
SS00157	486789	7442329	916	4/12/2024	10	<5	5.7	60	1.2	<0.2	81.8	4200	0.6	7.6	55	3.5	66.9	88	588	128	261	34	131	24.9	1.7	22.4	2.96	15.9	2.78	7.1	0.9	6.25	0.96	0.01
SS00158	486730	7442423	909	4/12/2024	14	<5	3.2	95.5	1	<0.2	25.3	4100	0.6	2.1	85	1	41.6	92	192	55.4	108	13.5	53.1	10.9	1.95	10.8	1.54	8.85	1.66	4.6	0.6	4.15	0.6	<0.01
SS00159	486695	7442514	864	4/12/2024	11	<5	3.1	89	1	<0.2	31.8	3550	0.4	3.5	75	1.5	44.3	70	334	53.4	113	13.4	52.1	10.9	1.45	10.8	1.72	9.3	1.82	5.05	0.65	4.75	0.7	<0.01
SS00160	486629	7442599	843	4/12/2024	21	<5	5	122	1.1	<0.2	21.1	5400	0.4	1.8	160	1	48.8	88	138	42	80.6	11	44.2	9.75	1.85	10.4	1.6	9.85	1.88	5.3	0.7	4.6	0.66	<0.01
SS00161	486590	7442681	828	4/12/2024	11	<5	3.8	173	1.1	<0.2	23.4	3800	0.4	2.6	70	1	48	70	228	52.9	106	12.7	49.3	10.1	1.65	10.4	1.52	9.5	1.84	5.55	0.75	5.25	0.78	<0.01
SS00162	486517	7442757	821	4/12/2024	9	<5	3.1	82	1	<0.2	32.7	2950	0.6	3	50	1.5	40.6	72	218	66	137	17.2	65.5	13.5	2.05	13.2	1.72	9.05	1.62	4.5	0.6	4.1	0.6	<0.01
SS00163	486454	7442842	831	4/12/2024	13	<5	3.3	91	1	<0.2	43.6	4200	0.4	3.2	105	1	40.9	100	224	75.4	160	19.8	75.4	15.4	2	14.6	1.92	9.65	1.62	4.25	0.55	3.75	0.54	<0.01
SS00164	486391	7442912	840	4/12/2024	24	<5	3.1	138	0.9	<0.2	14.7	6850	0.2	1.3	260	1	35.4	92	108	30.6	65.6	7.85	31.9	6.9	1.55	7.4	1.14	7	1.36	4.05	0.55	3.8	0.56	<0.01
SS00165	486353	7443017	823	4/12/2024	24	<5	4	171	1.1	<0.2	17.3	7600	0.3	1.5	250	1	42.8	104	106	38.9	81.3	10.2	40.9	8.7	1.85	9	1.36	8.4	1.62	4.75	0.6	4.3	0.62	<0.01
SS00166	486294	7443119	828	4/12/2024	21	<5	4.6	123	1.3	<0.2	28	8250	0.6	2.4	215	1	43.3	116	126	54.8	113	13.6	54.1	11	2.1	10.6	1.54	8.95	1.72	4.75	0.6	4.45	0.62	<0.01
SS00167	486244	7443187	825	4/12/2024	22	<5	4.8	100	1.7	<0.2	66.5	7400	0.4	3.7	210	2	53.4	90	162	68.7	149	19.1	71.8	16.5	1.7	15.2	2.12	11.6	2.08	5.75	0.75	5.35	0.82	<0.01
SS00168	486192	7443274	810	4/12/2024	23	<5	4.2	212	1.4	<0.2	27.8	9300	0.3	1.9	220	1	147	116	118	45.3	98.8	12.6	51.8	11.1	2.4	11.4	1.66	10	1.92	5.5	0.7	4.75	0.68	<0.01
SS00169	484445	7441924	777	5/12/2024	16	<5	4.6	223	1.3	<0.2	21.5	4500	0.4	2.1	115	1.5	48.1	102	160	48.2	96	12.3	49.5	10.7	2	11	1.66	10	1.92	5.5	0.7	4.9	0.7	<0.01
SS00170	484512	7441825	779	5/12/2024	9	<5	3.3	103	1.1	<0.2	27.8	2950	0.7	2.4	50	1.5	31.4	80	266	41.7	101	10.4	40.6	8.3	1.85	8	1.16	6.75	1.26	3.6	0.45	3.4	0.5	0.01
SS00171	484546	7441755	791	5/12/2024	18	<5	5.2	170	1.5	<0.2	24.2	4700	0.6	2.6	105	2	48	114	206	46.8	94.7	12.1	48.4	10.5	2.1	11	1.66	9.85	1.9	5.5	0.7	5.05	0.74	0.01
SS00172	484602	7441668	798	5/12/2024	16	<5	5.1	135	1.2	<0.2	32.7	5000	0.6	2.7	90	1	40.7	110	192	60.8	123	15.5	58.5	11.9	2.1	11.6	1.6	9.15	1.62	4.25	0.5	3.6	0.52	0.01
SS00173	484651	7441590	797	5/12/2024	10	<5	4.5	88.5	1.4	<0.2	37.8	3500	0.7	3.6	55	1.5	39.9	144	338	59.5	128	14.7	56.7	12	2.1	12	1.66	8.8	1.6	4.2	0.55	3.95	0.56	0.01
SS00174	484713	7441499	809	5/12/2024	15	<5	3.9	91	1	<0.2	63.4	4200	0.7	4.5	95	1	54.8	530	240	97.8	205	24.9	93.6	19.2	2.35	18.2	2.4	12.7	2.22	5.8	0.7	4.8	0.7	0.01
SS00175	484755	7441420	837	5/12/2024	8	<5	3.6	77	1.1	<0.2	42.5	2800	0.6	3.2	45	1	37.5	82	212	82.2	172	21.3	81.3	16.7	2	16	1.96	9.2	1.42	3.6	0.45	3.1	0.44	<0.01
SS00176	484815	7441335	857	5/12/2024	7	<5	3.2	85.5	0.9	<0.2	49.9	2500	0.3	3.5	40	1	43.8	78	218	84.6	178	22.4	86	17.5	2.05	16.8	2.12	10.4	1.74	4.65	0.6	4.15	0.62	0.01
SS00177	484839	7441297	869	5/12/2024	10	<5	3.9	82.5	1.1	<0.2	44	3000	0.4	3.6	55	1	52.2	74	230	83.1	172	21.9	82.8	17.1	2.1	16.6	2.18	11.6	2.08	5.75	0.7	5.1	0.76	0.01
SS00178	484706	7441147	833	5/12/2024	14	<5	4	85	1.2	<0.2	32.3	4500	0.4	2.5	95	1	37.7	104	192	54.8	120	14	55.2	11.7	1.75	11.4	1.56	8.5	1.54	4.15	0.5	3.7	0.54	0.01
SS00179	484644	7441221	844	5/12/2024	8	<5	3.2	83	1	<0.2	43.8	2600	0.4	3.2	45	1	39.3	78	198	84.2	175	21.3	80.3	16	2	15.2	1.98	9.6	1.56	3.95	0.45	3.35	0.48	0.01
SS00180	484594	7441307	830	5/12/2024	9	<5	3.3	80.5	1.1	<0.2	50	3600	0.4	3.6	55	1	42.4	92	242	89.8	189	23.7	91.1	18.6	2.05	18.4	2.2	10.7	1.72	4.45	0.5	3.45	0.52	0.01
SS00181	484539	7441404	823	5/12/2024	2	<5	9.9	46	0.3	<0.2	7.4	750	0.1	2.7	20	16	10.2	35000	32	15	30.7	3.65	14.4	3	0.5	3	0.4	2.25	0.42	1.1	0.15	0.95	0.14	0.1
SS00182	484500	7441474	806	5/12/2024	12	<5	3.9	87.5	1.1	<0.2	45.1	3400	0.4	3.6	70	2.5	47.9	316	382	67.4	157	17.2	65.6	13.8	2.1	13.4	1.98	10.4	1.92	5.3	0.7	5	0.74	0.01
SS00183	484440	7441565	802	5/12/2024	14	<5	4.5	98.5	1.1	<0.2	88.3	4350	0.6	6.3	90	1	63.9	842	282	146	301	36.7	143	28.2	3.15	26.4	3.36	16.5	2.6	6.15	0.7	4.85	0.68	0.02
SS00184	484385	7441646	798	5/12/2024	10	<5	3.7	103	1.2	<0.2	30.2	3300	0.6	3.8	50	2	39.2	106	286	51	108	12.5	48.7	10.2	2	10.4	1.48	8.3	1.5	4.2	0.55	3.7	0.54	0.01
SS00185	484342	7441727	793	5/12/2024	15	<5	4.8	88.5	1.4	<0.2	40.6	3950	0.6	3.8	70	1.5	58.7	254	268	61.6	122	15.9	61.2	13.5	2.1	14	2.1	12.2	2.34	6.65	0.85	5.95	0.86	0.01
SS00186	484283	7441804	777	5/12/2024	12	<5	8.4	115	2	<0.2	21.7	4650	0.4	4.3	65	5.5	65.9	100	184	38.6	92.8	10.6	43.7	10.4	1.95	12	2	13	2.6	7.5	0.95	6.8	0.96	0.01
SS00187	484101	7441703	776	6/12/2024	14	<5	3.7	82	1.2	<0.2	56.5	3800	0.6	3.1	75	2	43.1	122	254	66	136	17	64.2	13.4	1.95	13.2	1.78	9.65	1.72	4.75	0.6	4.15	0.6	0.01
SS00188	484154	7441625	789	6/12/2024	9	<5	3.5	79.5	1.1	<0.2	49.8	3100	0.4	3.6	45	1.5	48	70	356	62.9	133	15.9	60.3	12.6	2.1	12.6	1.8	10.4	1.92	5.35	0.7	5.05	0.74	<0.01
SS00189	484213	7441532	787	6/12/2024	6	<5	2	77	0.8	<0.2	27.1	2300	0.4	2.2	30	1	28.6	60	212	43.6	86.8	10.7	42.4	8.85	1.75	8.8	1.18	6.4	1.16	3.15	0.4	2.95	0.42	<0.01
SS00190	484268	7441460	777	6/12/2024	12	<5	3.7	85	1.1	<0.2	27.7	4350	0.6	2.7	75	1	38.9	74	266	49.8	96.1	11.2	42.8	9.15	1.85	9.2	1.38	8.2	1.56	4.45	0.55	4	0.58	0.01
SS00191	484314	7441368	784	6/12/2024	13	5	5.9	104	1.3	<0.2	200	4350	0.7	14	90	1	114	100	374	344	707	85.2	334	65.1	5.85	58.6	7.18	33	4.72	10.1	1.05	6.4	0.88	<0.01
SS00192	484363	7441292	808	6/12/2024	19	<5	3.6	135	1	<0.2	24.6	4450	0.4	2	105	1.5	46.6	446	122	61	115	13	50.6	10.1	1.95	10.4	1.52	9.2	1.88	5.55	0.75	5.25	0.78	0.01
SS00193	484425	7441219	828	6/12/2024	8	<5	3.9	64	0.4	1.4	27.6	3150	0.4	3	65	6.5	30.7	10300	84	50.3	104	12.2	47.7	9.95	1.35	9.4	1.3	6.9	1.24	3.25	0.4	2.8	0.42	0.02
SS00194	484505	7441098	848	6/12/2024	9	<5	8.3	57.5	0.9	<0.2	12.7	3000	0.3	3.6	60	3.5	42.7	9280	70	28.1	53.9	7.1	28.8	6.85	1.1	8	1.32	8.5	1.68	4.75	0.6	4.15	0.56	0.12
SS00195	484538	7441048	857	6/12/2024	8	<5	6.4	65.5	0.9	<0.2	18.8	3300	0.4	3.7	60	20	28.1	34600	98	34.3	65.6	8	31.1	6.4	1.15	6.2	0.94	5.55	1.06	3.05	0.4	2.8	0.4	0.07
SS00196	484590	7440949	840	6/12/2024	11	<5	4.7	89.5	1.1	<0.2	48	3750	0.7	3.6	75	1.5	46.3	696	140	101	201	24.3	90.1	17.4	2.4	16.4	2.16	10.8	1.82	5.1	0.55	3.9	0.56	0.01
SS00197	484641	7440870	840	6/12/2024	11	<5	4.7	89	1.2	<0.2	54.7	3550	0.6	4.2	70	2	51.7	1670	244	99.8	210	27	105	22	2.1	21.6	2.78	13	2.08	5.25	0.65	4.35	0.64	0.01
SS00198	484691	7440782	849	6/12/2024	13	<5	2.4	79.5	0.9	<0.2	44.2	3750	0.3	3.2	75	1	41.1	156	194	67.7	144	18.1	70.1	14.1	1.95	13.2	1.76	9.45	1.66	4.4	0.55	3.8	0.56	0.01
SS00199	484739	7440701	860	6/12/2024	9	<5	3.5	83	1.1	<0.2	59.8	3200	0.3	4.7	55	1	44.7	220	310	102	223	28.5	114	24.5	2.35	23.2	2.68	11.8	1.78	4.35	0.55	3.8	0.56	0.01
SS00201	484574	7440597	857	6/12/2024	18	<5	3.2	108	1.3	<0.2	31.7	8750	0.6	2.5	115	1	52.2	336	200	57.5	120	15.4	60	13.1	2.3	13.8	1.9	10.7	1.96	5.45	0.65	4.55	0.66	0.01
SS00202	484525	7440673	839	6/12/2024	12	<5	3.6	89.5	1.1	<0.2	87.4	4300	0.6	6	80	1	60.3	170	346	138	288	35.1	138	26.8	2.85	25.4	3.18	15.9	2.5	6	0.7	4.8	0.66	<0.01
SS00203	484464	7440735	806	6/12/2024	15	<5	3.1	97	0.8	<0.2	27.1	4050	0.6	2.9	90	1	40.5	124	138	40.9	87	10.2	40.4	8.85	1.65	9.4	1.38	8.2	1.6	4.5	0.6	4.15	0.62	<0.01
SS00204	484417	7440844	817	6/12/2024	11	<5	2.8	89	0.8	<0.2	48.5	3500	0.4	3.9	60	1	49.6	148	320	80.8	170	20	75.3	15.4	2.15	14.8	2.02	11.1	2.02	5.65	0.7	5.05	0.76	<0.01
SS00205	484365	7440926	793	6/12/2024	12	<5	3.9	91.5	1.1	<0.2	59.2	4000	0.6	5.2	70	1	52.8	140	466	78.4	168	20.1	75.4	15.8	2.1	15.8	2.16	11.9	2.1	5.7	0.7	5.05	0.76	<0.01
SS00206	483939	7441590	767	7/12/2024	14	<5	3.7	200	1.2	<0.2	24.7	4600	0.6	4.4	95	1	41.4	96	202	54.5	118	13	50.4	9.6	2	9.4	1.38	8.35	1.64	4.7	0.6	4.05	0.58	<0.01
SS00207	483988	7441520	783	7/12/2024	19	<5	4.9	240	1.5	<0.2	22.8	5700	0.4	3.3	120	2	49	126	206	51.1	106	13	51.5	10.4	2.25	10.8	1.58	9.75	1.92	5.5	0.75	5.1	0.72	<0.01
SS00208	484037	7441434	778	7/12/2024	15	<5	3.6	88.5	1.1	<0.2	26.9	4250	0.4	2.7	80	1	47.3	204	210	54	106	13.2	52.7	11.1	2.05	12	1.72	9.7	1.84	5.2	0.65	4.9	0.68	<0.01
SS00209	484097	7441348	779	7/12/2024	10	<5	3.2	91	1	<0.2	46	3050	0.6	3.7	50	1	50.4	80	236	71.3	155	18.6	70.8	15	2.1	15	2.02	11.6	2.14	5.5	0.7	4.75	0.66	<0.01
SS00210	484151	7441266	780	7/12/2024	12	<5	3.5	83	1	<0.2	28.8	3750	0.4	3	70	1.5	49.4	118	282	43.3	85.7	10.6	41.7	9.15	1.7	9.8	1.54	9.45	1.9	5.5	0.7	5.1	0.76	<0.01
SS00211	484201	7441184	797	7/12/2024	23	<5	5.4	90.5	1.2	<0.2	23.4	4800	0.4	2.4	130	1	73.6	96	206	46.5	93.8	11.8	47.9	11.5	2.05	13.4	2.28	14.7	2.96	8.45	1.1	7.45	1.08	<0.01
SS00212	484253	7441098	798	7/12/2024	20	<5	3.5	89	1.2	<0.2	35.6	5750	0.4	2.5	135	1	49.6	94	164	65.8	127	16.1	60.9	13	2	13.2	1.86	10.4	1.92	5.15	0.65	4.4	0.62	<0.01
SS00213	484350	7440574	810	7/12/2024	12	<5	3.1	86	0.9	<0.2	48.4	4000	0.7	4.3	75	1	43	94	190	73.1	147	17.6	66.6	13.7	1.95	13.2	1.78	9.55	1.7	4.5	0.55	4.1	0.58	0.01
SS00214	484298	7440648	797	7/12/2024	11	<5	3.4	110	1	<0.2	47.1	4400	0.6	4	60	1	41	106	232	63	138	15.6	58.6	12.1	2.05	12.2	1.68	9.15	1.66	4.5	0.6	4.1	0.6	<0.01
SS00215	484249	7440733	776	7/12/2024	13	<5	4	110	1.1	<0.2	76.2	5100	0.6	5.1	80	1	68	86	180	136	281	34.3	135	26.3	2.9	25	3.24	16.3	2.68	6.65	0.8	5.3	0.76	<0.01
SS00216	484201	7440813	773	7/12/2024	11	<5	3.7	130	0.9	<0.2	36.5	3500	0.4	2.3	60	1	38.7	98	146	62	125	15.6	58.4	12	1.75	11.4	1.58	8.5	1.54	4.1	0.5	3.5	0.5	<0.01
SS00217	484145	7440904	778	7/12/2024	19	<5	2.5	101	0.9	<0.2	25.6	5950	0.4	1.8	125	1	33.3	70	140	48.9	86.3	10.4	40.5	8.4	1.5	8.4	1.2	6.9	1.32	3.65	0.45	3.45	0.48	<0.01
SS00218	484095	7440984	774	7/12/2024	14	<5	3	85	1	<0.2	36.9	5100	0.7	2	90	<0	37.6	68	178	51.4	118	12.4	47.1	9.55	1.95	9.4	1.36	7.9	1.5	4.25	0.55	4.15	0.56	<0.01

Sample_#	East	North	RL	Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cs	Cu	Fe	Ga	Hf	In	K	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb
SS00219	484036	7441073	774	7/12/2024	<0.2	73200	2	612	1.5	0.1	11500	<0.5	14	50	1.6	10	48600	21.6	6.6	0.1	22800	<10	6900	630	1	11000	13.5	24	300	14	126	<0.1	150	0.2
SS00220	483984	7441155	776	7/12/2024	<0.2	68400	2	520	1.5	0.1	20000	<0.5	18	90	1.8	20	51400	21.2	5.8	0.1	19400	<10	12400	720	0.5	13000	13.5	44	200	16	115	<0.1	150	0.2
SS00221	483930	7441239	781	7/12/2024	<0.2	66100	2	688	1.5	<0.1	9500	<0.5	8	20	1.5	6	35500	21	7	0.05	26100	<10	6300	424	1	13700	16	14	200	16	133	<0.1	150	0.1
SS00222	483871	7441330	765	7/12/2024	<0.2	70000	3	546	2	0.1	19500	<0.5	16	50	2.5	48	61100	22.6	6	0.1	19700	10	18300	1040	1	13300	16	38	250	13	113	<0.1	200	0.2
SS00223	483820	7441406	761	7/12/2024	<0.2	40700	1	518	1	<0.1	110000	<0.5	12	80	2.5	18	33500	12	2.2	<0.1	12400	10	57500	474	<0.5	4500	9	44	450	6	83.2	<0.1	250	0.1
SS00224	483766	7441495	762	7/12/2024	<0.2	84900	2	466	1.5	0.1	40100	<0.5	26	80	4.2	36	67700	23.2	4	0.05	13900	10	20900	970	<0.5	18100	16	52	900	10	101	<0.1	200	0.1
SS00226	485453	7442572	835	8/12/2024	3.6	61000	6	270	1.5	54.1	17300	1.5	20	110	1.8	3390	108000	21.2	4.2	0.4	10000	20	34900	1940	2	4200	9	32	400	414	54.2	<0.1	400	1.3
SS00227	485505	7442482	852	8/12/2024	6.4	45500	3	412	1.5	19.4	47200	10.5	20	50	1.8	19300	85500	13.6	3	0.6	11000	<10	38000	2350	1.5	6200	8.5	32	600	316	55.6	<0.1	250	0.6
SS00228	485570	7442413	834	8/12/2024	<0.2	64700	4	678	1.5	0.3	14800	<0.5	8	30	1.3	74	42200	21.4	9.6	0.1	23000	<10	8500	608	1	14600	14.5	18	250	47	120	<0.1	150	0.3
SS00229	485617	7442324	840	8/12/2024	<0.2	61900	3	258	1.5	2	23700	<0.5	23	90	0.9	152	74800	18.4	8	0.1	9100	<10	16300	1260	1	11400	11.5	42	250	39	48	<0.1	150	0.2
SS00230	485678	7442232	866	8/12/2024	<0.2	61500	7	466	1.5	1.9	14600	0.5	15	80	1.3	802	71900	24.6	16.8	0.15	15700	<10	10100	1230	1	11400	15	26	450	48	78.8	<0.1	150	0.2
SS00231	485727	7442153	877	8/12/2024	<0.2	60700	9	536	2	0.2	8900	<0.5	8	30	1.2	30	52900	20.6	18	0.1	18100	<10	10800	908	1	9800	15	18	600	31	85.8	<0.1	150	0.4
SS00232	485891	7442250	847	8/12/2024	<0.2	66800	2	526	1.5	0.3	18700	<0.5	12	50	1.1	18	56800	19.2	5.8	0.1	18800	<10	10700	3660	0.5	13700	11.5	26	200	26	83.8	<0.1	100	0.2
SS00233	485846	7442326	854	8/12/2024	<0.2	61900	4	556	1.5	2.2	10600	<0.5	10	30	1.4	150	41500	19.8	8.4	0.1	19900	10	8500	742	1	12000	13	20	300	30	92.2	<0.1	150	0.2
SS00234	485786	7442423	846	8/12/2024	<0.2	64400	5	438	1	1.3	14100	1	20	130	1.5	160	70200	20	11.8	0.1	13700	10	12700	1090	1.5	7300	14.5	58	350	22	72.8	<0.1	150	0.3
SS00235	485734	7442503	840	8/12/2024	<0.2	59600	3	834	1	0.2	7800	<0.5	5	20	1.2	10	30300	16.8	8.6	0.05	31200	<10	5300	504	1	10900	13	12	200	28	128	<0.1	100	0.2
SS00236	485681	7442589	837	8/12/2024	<0.2	60900	4	494	2	0.3	11800	<0.5	12	50	1.4	30	58200	23	17	0.1	14900	<10	9000	740	1	12900	15.5	32	300	21	76.4	<0.1	150	0.1
SS00237	485626	7442671	818	8/12/2024	<0.2	49900	3	378	1.5	6.5	9400	0.5	11	50	1.6	294	57000	18.4	11	0.15	13000	10	20600	758	1	7500	13	22	250	34	68.6	<0.1	150	0.2
SS00238	485580	7442762	811	8/12/2024	<0.2	73600	4	446	2	0.4	21200	<0.5	18	80	3.2	52	57700	21	9	0.1	18600	10	14900	946	1.5	10300	14.5	40	600	20	130	<0.1	200	0.2
SS00239	485515	7442828	808	8/12/2024	<0.2	68200	4	438	1.5	2	15800	<0.5	14	50	2.1	112	56900	19.8	6.8	0.1	19000	10	11800	952	1	9600	12	32	350	24	98.4	<0.1	200	0.2
SS00240	485398	7442651	810	8/12/2024	<0.2	73400	4	476	2	8.6	16800	<0.5	18	80	2.8	248	65600	22.2	8	0.1	20200	10	15900	918	1	10700	15.5	40	350	31	144	<0.1	150	0.2
SS00241	485349	7442740	807	8/12/2024	<0.2	72300	3	324	1	0.3	25600	<0.5	26	150	1.8	30	67600	19.6	8	0.05	15900	<10	16700	1170	0.5	9700	11.5	78	350	20	84.2	<0.1	150	0.2
SS00242	485187	7442608	803	8/12/2024	<0.2	59200	3	494	1.5	0.4	48200	<0.5	13	50	2.8	50	47800	17	3.8	0.05	20100	10	13200	644	1	8800	13	32	650	20	137	<0.1	300	0.2
SS00243	485229	7442549	811	8/12/2024	<0.2	58300	2	402	1	4	19400	<0.5	16	80	1.6	360	55000	16.6	6.6	0.1	15900	<10	15500	1050	0.5	10200	10.5	44	200	40	94.4	<0.1	100	0.2
SS00244	485686	7442960	817	9/12/2024	<0.2	69500	3	552	1.5	0.2	20900	<0.5	15	80	2.1	22	54000	19.2	9	0.1	22400	10	13200	928	1	10900	14.5	44	300	20	131	<0.1	150	0.2
SS00245	485738	7442869	812	9/12/2024	<0.2	62000	2	314	1.5	0.3	56900	1	26	130	3.9	96	57300	17.8	3.2	0.1	14600	10	28100	874	0.5	6800	12.5	58	450	14	133	<0.1	300	0.1
SS00246	485791	7442783	823	9/12/2024	<0.2	67100	4	634	1.5	2.2	15000	1	13	50	2.1	258	59700	20.8	7.6	0.1	21900	10	11500	954	1	11100	15	40	300	27	125	<0.1	200	0.3
SS00247	485840	7442703	826	9/12/2024	0.4	62300	3	330	1	68.2	13200	1	27	80	2.9	2010	91300	23.8	3.8	0.25	12500	20	25700	1120	1	5300	10	42	350	49	86.6	<0.1	200	0.3
SS00248	485893	7442617	830	9/12/2024	<0.2	66100	3	704	1.5	0.7	11100	<0.5	11	50	1.6	66	41000	19.8	6.8	0.1	24800	<10	7300	618	1	9900	13.5	24	250	27	118	<0.1	200	0.1
SS00249	485954	7442534	829	9/12/2024	<0.2	69900	4	672	1.5	0.4	8500	<0.5	12	80	1.5	70	56900	22.4	7.6	0.1	24800	<10	6400	804	1.5	7800	15	32	250	39	116	<0.1	200	0.2
SS00251	485997	7442438	839	9/12/2024	<0.2	65600	4	672	1.5	1.7	8900	<0.5	9	30	1.8	70	40100	19.2	6	0.1	20600	10	5700	654	1.5	8800	14.5	20	200	52	97.8	<0.1	300	0.6
SS00252	486061	7442362	845	9/12/2024	<0.2	76300	3	488	2.5	0.3	18400	<0.5	14	50	1.5	18	55300	25.2	8.4	0.1	14500	<10	10100	1190	1	11400	14.5	24	300	25	89.8	<0.1	200	0.3
SS00253	486231	7442455	848	9/12/2024	<0.2	77600	4	418	1	0.1	28500	<0.5	31	130	1.2	32	76600	21.4	6.6	0.1	15700	<10	19700	1560	1	8800	10	94	250	20	84	<0.1	150	0.2
SS00254	486184	7442545	830	9/12/2024	<0.2	78600	3	492	1	0.4	25300	<0.5	25	80	1.4	30	64300	19.2	6.8	0.1	17700	<10	16700	1100	1	12000	10	62	350	19	79.6	<0.1	150	0.2
SS00255	486111	7442634	827	9/12/2024	<0.2	66400	3	620	1.5	0.2	34200	<0.5	11	30	1.5	22	42900	19	5.8	0.1	22800	<10	9700	818	0.5	11000	13	26	250	26	102	<0.1	250	0.2
SS00256	486072	7442717	827	9/12/2024	<0.2	14200	<1	110	<0	0.1	7200	<0.5	3	20	0.2	<2	18700	4.4	1.4	<0.1	1500	<10	4800	274	<0.5	3300	4	8	50	4	7.4	<0.1	<50	<0.1
SS00257	486012	7442802	819	9/12/2024	<0.2	1E+05	8	868	3	13	21600	<0.5	29	150	3.3	300	161000	46	17.6	0.25	29100	20	25200	2010	2.5	16200	33	50	900	52	141	<0.1	250	0.4
SS00258	485964	7442889	820	9/12/2024	<0.2	69000	3	582	1.5	0.4	20400	<0.5	9	30	2.2	66	42600	19.8	7.2	0.1	24700	10	11000	720	1	11800	15	20	300	22	130	<0.1	300	0.2
SS00259	485907	7442962	823	9/12/2024	<0.2	67600	4	364	2	3	12400	<0.5	13	80	2	796	73700	21.4	6.8	0.15	14400	20	28500	1340	1.5	7300	13	30	350	122	75	<0.1	250	0.4
SS00260	485852	7443062	828	9/12/2024	<0.2	69600	4	662	2	0.4	7300	<0.5	8	30	1.8	28	43800	22	8.4	0.1	28300	10	4900	532	1.5	10000	15	16	250	42	133	<0.1	200	0.3
SS00261	485289	7442454	829	9/12/2024	2	41000	3	300	1.5	29.9	31400	10	16	80	1.9	5200	68000	13.6	2.8	1.7	11500	<10	38800	2830	1.5	5100	8	22	600	583	57.6	<0.1	200	0.6
SS00262	485340	7442368	833	9/12/2024	1.8	57700	7	352	1	13.3	15500	3.5	22	80	2.8	3660	87000	18.2	3.8	0.3	13800	30	29800	1440	2	5900	9	30	450	198	79.4	<0.1	550	0.7
SS00263	485392	7442293	821	9/12/2024	<0.2	82700	3	292	1.5	1	28300	<0.5	24	80	1.4	108	80600	22.6	6.2	0.1	11700	10	30200	1410	1	10600	12.5	46	300	52	53.8	<0.1	250	0.3
SS00264	485249	7442186	836	9/12/2024	<0.2	75700	3	262	2	1.1	12100	<0.5	12	30	1.3	196	47800	20.8	8.4	0.1	12100	10	16100	820	1	21300	14.5	24	250	39	64.6	<0.1	150	0.2
SS00265	485187	7442258	817	9/12/2024	8.2	57000	4	382	1.5	12.2	44300	8	24	80	1.5	7610	102000	15.6	3.4	2.05	12600	10	36600	3450	2	6000	8	46	450	612	59.8	<0.1	250	1
SS00266	485130	7442347	817	9/12/2024	0.4	73000	4	322	1.5	3.4	30900	1.5	13	30	1.9	444	57800	20	7.4	0.15	13100	10	40400	1280	1.5	15600	16	26	250	50	64.4	<0.1	200	0.3
SS00267	485438	7442204	835	10/12/2024	<0.2	79300	3	498	1.5	1.7	23400	<0.5	19	80	1.3	124	70100	22	6	0.1	17900	<10	16400	1650	1	16300	12.5	46	300	30	82	<0.1	200	0.2
SS00268	485497	7442113	885	10/12/2024	0.4	73300	2	256	1	53.6	26500	0.5	28	90	1.1	850	117000	23	3.6	0.25	10100	<10	27200	2720	1	8400	9.5	50	250	50	51.6	<0.1	150	0.2
SS00269	485546	7442042	908	10/12/2024	<0.2	84200	2	562	1	0.5	19800	<0.5	18	50	1.1	76	56300	20.4	5.4	0.1	21000	<10	14800	1010	0.5	15200	11.5	54	150	27	82.2	<0.1	200	0.2
SS00270	485386	7441927	843	10/12/2024	<0.2	73700	2	348	1.5	0.4	20900	<0.5	14	80	0.9	34	64300	21.4	5.8	0.1	11700	10	9500	2200	1	18300	13	38	250	15	50	<0.1	150	0.1
SS00271	485341	7442012	849	10/12/2024	<0.2	79500	3	238	1.5	0.8	28300	<0.5	19	80	1.3	108	68200	19.6	6.4	0.1	10600	10	27800	1250	1	15600	10.5	46	250	31	51.2	<0.1	150	0.2
SS00272	485274	7442094	833	10/12/2024	<0.2	72100	4	608	2	0.2	16500	<0.5	17	50	1.4	34	55300	22.8	11.6	0.1	19300	<10	12700	910	1	14600	16.5	34	300	24	95.4	<0.1	150	0.2
SS00273	485249	7441814	827	10/12/2024	<0.2	67300	3	426	2	0.2	18000	<0.5	18	50	1.9	32	48700	21.6	7.4	0.1	15400	<10	12000	836	0.5	15100	15	36	250	23	98	<0.1	150	0.2
SS00274	485157	7441909	822	10/12/2024	<0.2	62500	4	612	1.5	0.2	8200	<0.5	8	30	1.3	14	37500	23.2	9.2	0.1	22300	<10	6600	418	1	15700	16	16	250	18	102	<0.1	100	0.2
SS00276	485115	7441992	821	10/12/2024	<0.2	74300	5	262	1	0.3	31300	<0.5	34	90	1.5	56	92500	20.8	5	0.1	9900	<10	20600	1420	1	12500	14.5	58	350	48	60.6	<0.1	300	0.6
SS00277	485060	7442073	820	10/12/2024	6.2	44100	3	358	2	12.8	38800	11	16	50	1.8	2660	62800	13.6	3	0.3	10200	<10	44600	5020	1	6000	9	24	600	912	55.6	<0.1	200	0.6
SS00278	485008	7442154	833	10/12/2024	0.8	46000	3	332	1.5	49.5	11200	1	15	50	2.9	8730	64700	23.2	2.6	1.85	12000	20	24100	1440	4	4400	7	22	850	438	72	<0.1	250	0.5
SS00279	484952	7442239	808	10/12/2024	<0.2	61100	3	486	1.5	2.1	13800	<0.5	14	50	1.8	202	56800	20.6	9.4	0.1	20000	<10	12900	892	1	9000	15	30	250	33	110	<0.1	150	0.2
SS00280	484908	7442315	800	10/12/2024	<0.2	66600	3	532	1.5	0.3	23200	1	16	80	2.7	50	49500	20.6	7	0.1	21100	10	13500	698	1	11000	16.5	36	300	23	150	<0.1	300	0.2
SS00281	484860	7442406	795	10/12/2024	<0.2	62700	3	394	2	0.2	24200	1	17	110	3.4	44	49000	18.2	5	0.05	17300	10	16100	668	1	9500	13.5	44	400	18	128	<0.1	300	0.3
SS00282	485011	7442512	805	10/12/2024	<0.2	75200	2	292	2	0.3	24900	<0.5	20	130	2.7	40	55100	21.6	6.8	0.1	17000	10	17400	834	0.5	12600	12.5	46	200	19	126	<0.1	150	0.2
SS00283	485072	7442439	808	10/12/2024	<0.2	61200	3	534	1.5	3.1	17100	<0.5	13	30	1.8	366	44700	18.4	7.2	0.15	19400	10	13000	804	0.5	13900	12	28	300	43	96.8	<0.1	200	0.2
SS00284	484729	7442223	804	10/12/2024	<0.2	73600	3	402	2	0.2	30900	<0.5	26	130	3.6	50	60000	22	4.6	0.05	16200	10	22000	814	0.5	12900	14.5	70	600	16	130	<0.1	200	0.2
SS00285	484550	7442113	795	10/12/2024	<0.2	70900	2	332	1.5	0.5	27800	<0.5	27	150	3.9	96	56600	19.6	3.6	0.1	15600	10	21900	728	<0.5	11600	12.5	94	250	18	137	<0.1	150	0.2
SS00286	484778	7442125	803	11/12/2024	<0.2	66800	2	506	1.5	0.2	15600	<0.5	13	50	1.9	24	47400	20	8.2	0.05	20900	<10	10400	810	1	13700	14.5	26	250	19	126	<0.1	150	0.2
SS00287	484828	7442059	823	11/12/2024	<0.2	69300	3	438	1.5	0.6	17600	<0.5	17	80	2.3	92	48400	21.2	8.2	0.1	21700	10	13500	806	0.5	12200	15.5	40	250	35	144	<0.1	250	0.2
SS00288	484893	7441958	857	11/12/2024	0.4	51000	3	360	1.5	8.9	10200	2	16	80	2.7	1960	56200	16.8	4.6	0.25	13300	20	17800	980	1.5	4900	10	26	350	46	85.6	<0.1	250	0.3
SS00289	484937	7441906	849	11/12/2024	1.4	18100	<1	136	1.5	13.3	12100	7	17	30	1.3	9700	87600	9.4	1.2	1.6	5100	10	96000	3210	1	2800	4	20	150	668	29.4	<0.1	100	0.6
SS00290	484988	7441813	826	11/12/2024	<0.2	59800	3	520	2	1.1	16900	<0.5	14	80	1.6	166	54300	20.4	8.8	0.1	17300	<10	14900	1160	0.5	12300	13.5	32	250	48	94.8	<0.1	150	0.2
SS00291	485035	7441707	824	11/12/2024	0.8	40900	3	286	2	6.9	33600	8.5	11	50	1.9	786	53600	13	3	0.15	10000	10	43000	2150	1	5400	9	22	300	423	53.8	<0.1	150	0.4
SS00292	485098	7441638	823	11/12/2024	<0.2	72800	<1	154	1	0.6	42900	<0.5	45	150	1.1	314	80300	18.4	2	0.15	7300	<10	26400	1440	<0.5	13200	6	70	250	34	32	<0.1	150	0.2
SS00293	484915	7441544	847	11/12/2024	<0.2	67600	2	282	1.5	0.4	27300	<0.5	29	110	2.8	106	72100	20	3.2	0.1	9900	10	19000	1400	0.5	8500	12	90	550	19	89	<0.1	200	0.2
SS00294	484883	7441593	835	11/12/2024	<0.2	72500	2	244	1.5	0.5	33000	<0.5	33	130	3.4	90	66400	19	3	0.1	10800	10	27300	1340	0.5	9000	10	112	300	31	85.8	<0.1	200	0.2
SS00295	484823	7441692	828	11/12/2024	<0.2	74000	3	378	1.5	0.2	29100	0.5	27	130	2.9	138	64500	20.6	6.2	0.1	18200	10	21900	1110	0.5	11000	13.5	90	600	25	120	<0.1	200	0.2
SS00296	484782	7441780	868	11/12/2024	<0.2	77200	3	448	2	0.4	20200	0.5	19	80	3.5	90	56500	23.4	5.6	0.1	21900	10	17600	834	0.5	12700	16	52	400	30	164	<0.1	200	0.2
SS00297	484725	7441855	834	11/12/2024	<0.2	81800	3	356	2	0.4	28500	<0.5	26	80	2.2	182	65100	23	5.6	0.1	18400	<10	20800	1010	0.5	18600	15	62	250	20	115	<0.1	150	0.1
SS00298	484670	7441928	806	11/12/2024	<0.2	73700	2	424	2	0.3	23100	<0.5	19	80	2.5	92	65300	22.8	7.4	0.1	19400	<10	15900	1080	1	16600	15	42	350	21	130	<0.1	200	0.1
SS00299	484617	7442008	791	11/12/2024	<0.2	80900	3	444	2	0.2	29100	<0.5	25	150	4.1	46	67500	23.2	4.6	0.1	16900	10	20800	866	0.5	13800	15	60	900	17	128	<0.1	200	0.2

Sample_#	East	North	RL	Date	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Au
SS00219	484036	7441073	774	7/12/2024	12	<5	3.1	83.5	1	<0.2	25.2	5100	0.6	2.3	90	1	40.1	60	206	44.3	101	10.8	41.9	9.05	2.05	9.2	1.4	8.35	1.66	4.65	0.6	4.3	0.6	<0.01
SS00220	483984	7441155	776	7/12/2024	13	<5	3.3	105	1.1	<0.2	33.3	6050	0.4	2.7	85	1	44.5	82	166	53.9	112	13.4	53.9	11.5	2.1	12.2	1.7	9.25	1.68	4.6	0.6	4	0.58	<0.01
SS00221	483930	7441239	781	7/12/2024	9	<5	3	72.5	1.2	<0.2	34.5	3250	0.6	2.9	45	1	37.9	58	222	58.2	123	14.8	56.6	12	2.15	12	1.62	8.6	1.5	4.1	0.55	3.6	0.52	<0.01
SS00222	483871	7441330	765	7/12/2024	17	<5	4.1	78	1.3	<0.2	28.4	5200	0.6	2.3	90	11	49	130	186	60.9	111	15.5	60.4	13	2.35	13.2	1.88	10.4	1.92	5.25	0.65	4.65	0.7	<0.01
SS00223	483820	7441406	761	7/12/2024	8	<5	2.3	579	0.7	<0.2	13.3	2750	0.3	2.4	50	1	22.6	46	64	26.8	60.1	6.5	25.7	5.3	0.95	5.6	0.78	4.6	0.9	2.55	0.35	2.25	0.32	<0.01
SS00224	483766	7441495	762	7/12/2024	16	<5	3.9	267	1.5	<0.2	14	8100	0.4	1.6	130	2	39.7	100	118	44.4	88.1	10.9	43	8.7	2.05	8.8	1.3	7.8	1.54	4.35	0.55	4	0.58	<0.01
SS00226	485453	7442572	835	8/12/2024	16	<5	12.7	52.5	0.9	<0.2	22.9	6250	0.3	3.1	155	23	44.9	3080	156	44.1	90.2	11.2	44.8	10	1.85	10.6	1.56	9.2	1.76	4.95	0.65	4.45	0.64	0.08
SS00227	485505	7442482	852	8/12/2024	9	<5	17.9	67	0.8	<0.2	22.5	5100	0.3	2.9	80	4.5	36.1	11000	106	40.1	81.7	9.95	39.9	8.6	1.45	9	1.28	7.3	1.34	3.65	0.45	3.45	0.46	0.12
SS00228	485570	7442413	834	8/12/2024	6	<5	3.6	94	1	<0.2	49.5	2950	0.6	4.4	35	1.5	52.3	160	288	95.6	203	25.3	96.5	20.1	2.15	20.2	2.5	12.4	2.12	5.5	0.7	5.1	0.72	<0.01
SS00229	485617	7442324	840	8/12/2024	17	<5	3.7	69.5	0.9	<0.2	40.4	7850	0.2	3.9	145	2	73.6	292	220	73.4	158	19.3	75.5	16.7	2.25	17.8	2.54	15.5	2.94	8.35	1.1	8.15	1.26	<0.01
SS00230	485678	7442232	866	8/12/2024	11	5	5.2	76	1.1	<0.2	153	5950	0.3	11	90	3.5	99.1	608	518	254	543	66.6	269	53.1	3.75	49.2	5.9	27.5	4.14	10.2	1.3	8.25	1.18	0.01
SS00231	485727	7442153	877	8/12/2024	8	<5	3.6	63.5	1	<0.2	190	4350	0.3	12	45	1.5	96.6	104	652	322	692	85.2	347	67.1	4.75	58.4	6.44	27.2	4.4	10.2	1.1	7.85	1.12	<0.01
SS00232	485891	7442250	847	8/12/2024	11	<5	3.8	73	0.9	<0.2	30.1	3900	0.3	2.9	75	1.5	55.4	124	186	55.6	119	14.4	55.4	12.2	1.65	13.2	2	11.6	2.18	6.2	0.8	5.6	0.8	<0.01
SS00233	485846	7442326	854	8/12/2024	7	<5	3.6	72.5	1	<0.2	62.7	4100	0.4	4.7	55	1.5	45.4	202	250	109	228	28.2	108	22.2	2.25	20.6	2.5	11.5	1.82	4.45	0.55	3.75	0.56	<0.01
SS00234	485786	7442423	846	8/12/2024	14	<5	3.7	67	1.1	<0.2	71.2	7350	0.3	6.2	100	2	68.8	502	408	130	274	33.8	137	28.5	3.15	27.4	3.42	16.5	2.92	7.3	0.85	6	0.88	<0.01
SS00235	485734	7442503	840	8/12/2024	6	<5	2.4	71.5	0.9	<0.2	52.2	2950	0.6	3.9	35	1	41.1	74	284	91.7	195	23.8	91.9	18.8	2.15	17.4	2	9.4	1.58	4.1	0.5	3.55	0.52	<0.01
SS00236	485681	7442589	837	8/12/2024	9	<5	5.1	66.5	1.1	<0.2	82.2	4400	0.3	7.3	60	3	73.7	96	526	137	297	36.8	153	32.4	3.45	32	4.08	19.3	3.12	7.85	0.95	6.8	1.08	<0.01
SS00237	485626	7442671	818	8/12/2024	8	<5	5.4	58	1.1	<0.2	48.8	4450	0.3	5	60	6.5	55.9	940	348	86.9	184	22.9	89.5	19.6	2.45	19.4	2.54	13.3	2.36	6.2	0.8	5.95	0.84	<0.01
SS00238	485580	7442762	811	8/12/2024	15	<5	5.5	110	1.1	<0.2	51.5	6150	0.6	4.5	95	5	67.5	122	308	93.4	192	23.2	86.3	17.6	2.35	17.4	2.46	14.1	2.64	7.4	0.95	6.6	1.06	<0.01
SS00239	485515	7442828	808	8/12/2024	13	<5	3.9	97	1	<0.2	48.5	5050	0.4	3.8	80	5	79.4	170	208	74.2	156	19.5	74.9	16.2	2.15	16	2.2	12.6	2.4	6.75	0.85	6.25	0.92	<0.01
SS00240	485398	7442651	810	8/12/2024	14	<5	6.2	83.5	1.2	<0.2	70.3	6050	0.7	6.2	100	3	72.3	258	264	120	243	30.1	114	23.7	2.6	22.8	3.06	16.3	3.16	8.05	1	6.7	0.98	<0.01
SS00241	485349	7442740	807	8/12/2024	18	<5	3	74.5	0.8	<0.2	54.7	7900	0.3	5.3	120	1.5	83	94	232	77.8	162	20.1	76.6	16.9	2	18	2.7	16.3	3.12	9.6	1.2	8.25	1.16	<0.01
SS00242	485187	7442608	803	8/12/2024	11	<5	4.6	114	1.1	<0.2	33.6	4850	0.6	2.7	80	1.5	45.8	122	112	60.1	121	15.1	57.4	12.5	1.7	12.8	1.8	9.9	1.78	4.85	0.6	4.05	0.58	<0.01
SS00243	485229	7442549	811	8/12/2024	12	<5	3.9	68.5	0.9	<0.2	28.8	4400	0.4	2.7	75	3	46.9	456	222	43.8	97.7	11	42.9	9.35	1.45	9.6	1.5	9.5	1.82	5.35	0.7	4.9	0.72	<0.01
SS00244	485686	7442960	817	9/12/2024	13	<5	3.3	76	1.1	<0.2	51.5	5500	0.6	4.1	80	1.5	55.9	104	302	82.2	173	20.6	77.7	16.5	2.15	16	2.18	12.1	2.22	6.15	0.8	5.55	0.78	<0.01
SS00245	485738	7442869	812	9/12/2024	17	<5	5.1	173	1.4	<0.2	16.7	4850	0.7	1.5	100	2.5	36.3	204	92	33.6	70.4	8.45	34	7.6	1.35	7.8	1.18	7.15	1.4	4.05	0.5	3.7	0.54	<0.01
SS00246	485791	7442783	823	9/12/2024	11	<5	4.7	86	1.1	<0.2	34.8	4200	0.6	3.2	60	7	53.5	620	232	66.6	135	17	64.9	13.9	2.1	13.8	1.96	11	2.08	5.95	0.8	5.8	0.86	<0.01
SS00247	485840	7442703	826	9/12/2024	14	<5	19.4	64	1	0.2	17.1	6650	0.4	2.2	120	62	37.2	874	132	34.5	70	8.6	34.8	7.6	1.5	8	1.18	7	1.36	3.95	0.5	3.6	0.52	0.02
SS00248	485893	7442617	830	9/12/2024	9	<5	3.2	81	0.9	<0.2	40.7	3350	0.6	3.2	50	3	45.9	170	210	77	154	19.5	75	15.6	2.4	15	1.94	10.1	1.82	5.05	0.65	4.65	0.7	0.01
SS00249	485954	7442534	829	9/12/2024	11	<5	3.2	70.5	0.9	<0.2	60	4400	0.6	4.2	60	2	56.8	176	236	111	228	28.4	108	22.2	2.55	20.2	2.56	12.8	2.3	6.5	0.85	6.15	0.92	<0.01
SS00251	485997	7442438	839	9/12/2024	9	<5	3.2	79.5	0.9	<0.2	31.3	4200	0.6	2.9	55	3	36.6	236	198	65.3	132	16.6	63	12.9	2.05	12	1.52	7.85	1.46	4.15	0.55	4	0.56	<0.01
SS00252	486061	7442362	845	9/12/2024	13	<5	4.3	85	1.2	<0.2	33	5200	0.4	3.2	65	2	45.5	146	254	62.8	129	16.1	61.1	13	2.4	12.6	1.76	9.6	1.8	4.95	0.65	4.5	0.68	<0.01
SS00253	486231	7442455	848	9/12/2024	21	<5	2.2	62.5	0.8	<0.2	52.6	5200	0.3	3.7	140	1	82.3	96	220	94.6	202	25	96.5	20.1	2.1	16.8	2.72	16.1	3.32	10	1.35	10	1.52	<0.01
SS00254	486184	7442545	830	9/12/2024	17	<5	2.5	82	0.9	<0.2	41.3	5800	0.3	3.4	120	1.5	54.4	104	240	72.7	153	18.8	72.3	15.2	1.95	14.8	2.06	11.2	2.14	6	0.75	5.25	0.78	<0.01
SS00255	486111	7442634	827	9/12/2024	10	<5	3.5	89	1	<0.2	24.5	4200	0.4	2.1	60	3	50	108	188	51.7	106	12.6	49.9	10.4	1.85	10.2	1.38	7.75	1.44	4.1	0.55	3.75	0.56	<0.01
SS00256	486072	7442717	827	9/12/2024	3	<5	0.9	21.5	0.5	<0.2	8.7	900	<0	1.1	20	1	18.6	36	40	20.3	47.7	5.55	22.9	5.4	0.85	5.6	0.82	4.7	0.9	2.45	0.3	2.35	0.34	<0.01
SS00257	486012	7442802	819	9/12/2024	22	5	12.3	131	2.7	<0.2	103	12900	0.7	12	140	15	192	322	592	196	411	51.5	214	46.6	5.6	48.6	6.84	37.4	6.38	18.3	2.3	14.9	2.18	0.01
SS00258	485964	7442889	820	9/12/2024	9	<5	3.9	100	1.1	<0.2	36.7	3650	0.7	3	55	1.5	46.7	132	230	74.3	142	18.5	70.2	14.5	2.25	14.2	1.9	9.95	1.78	5.05	0.65	4.7	0.7	0.01
SS00259	485907	7442962	823	9/12/2024	11	<5	4	59	1.1	<0.2	42.2	4600	0.4	4.7	75	3	78	924	244	86.9	180	22.9	89.1	19.7	2.85	19.6	2.58	13.1	2.26	6.15	0.75	5.3	0.78	<0.01
SS00260	485852	7443062	828	9/12/2024	8	<5	3.4	74.5	1	<0.2	44.4	3800	0.6	4	55	1.5	49	174	288	88.1	182	22.9	88.1	18.8	2.3	18	2.34	11.7	2	5.15	0.65	4.35	0.6	0.01
SS00261	485289	7442454	829	9/12/2024	7	<5	9.1	63.5	0.8	<0.2	17	3750	0.3	3.2	65	31	28.7	12100	84	36.9	72	8.95	34.9	7.3	1.5	7	1	5.6	1.04	2.95	0.35	2.6	0.36	0.06
SS00262	485340	7442368	833	9/12/2024	10	<5	12.7	83	0.9	<0.2	27.6	4950	0.4	4.2	105	11	28.1	1840	142	53.6	105	12	45.1	8.65	1.45	7.8	1.08	5.9	1.06	3	0.35	2.8	0.38	0.02
SS00263	485392	7442293	821	9/12/2024	18	<5	3.3	75.5	1.1	<0.2	34	6450	0.3	3.4	150	2	53.9	634	218	72.8	150	18.7	72.4	15.4	2.15	14.8	2.1	11.7	2.26	6.5	0.8	5.4	0.82	0.01
SS00264	485249	7442186	836	9/12/2024	10	<5	3	57.5	1.1	<0.2	47.9	4200	0.3	4.4	65	2	43.5	544	270	94.4	194	23.8	90.6	18.4	2.3	16.4	2.06	10.3	1.74	4.7	0.6	4.15	0.64	<0.01
SS00265	485187	7442258	817	9/12/2024	12	<5	11.8	53.5	0.8	<0.2	21.9	4300	0.3	3.9	100	25	38.3	36000	124	41.5	77.2	9.85	38.7	8.25	1.35	8.4	1.24	7.3	1.42	4.1	0.55	3.7	0.54	0.13
SS00266	485130	7442347	817	9/12/2024	10	<5	6.8	81	1.3	<0.2	53.6	4750	0.3	5.7	65	4	61.2	1300	242	94.7	196	23.9	90.1	18.6	2.15	17.4	2.36	12.8	2.34	6.65	0.9	6.1	0.92	0.01
SS00267	485438	7442204	835	10/12/2024	15	<5	3.8	73.5	1	<0.2	47.8	5100	0.4	3.5	105	2	55.6	348	198	91	192	23.9	91.2	19.2	2.45	18.4	2.46	12.7	2.24	6	0.75	5.2	0.76	0.01
SS00268	485497	7442113	885	10/12/2024	20	5	8.1	46	0.9	0.8	19.5	5300	0.2	2	130	5	76.6	2030	118	35.9	77.2	9.3	37.6	8.7	1.45	10.4	1.9	13.5	2.94	9.25	1.25	9.2	1.34	0.01
SS00269	485546	7442042	908	10/12/2024	13	<5	2.6	70.5	0.8	<0.2	22.9	3400	0.3	2.5	80	1	59.6	136	186	42.2	87.1	10.3	40.9	9.1	1.75	9.6	1.58	10.8	2.32	7.5	1.1	8.15	1.24	<0.01
SS00270	485386	7441927	843	10/12/2024	13	<5	4.1	111	1.1	<0.2	32.7	5550	0.2	2.7	95	1	51.9	134	206	59.3	128	15.6	60.8	13.5	2.15	13.8	1.92	11	2.06	6	0.8	5.4	0.8	<0.01
SS00271	485341	7442012	849	10/12/2024	15	<5	3.6	77.5	1	<0.2	34.7	4750	0.3	3.5	110	1	53.8	540	206	68.9	142	17.5	65.9	14.1	2.05	13.8	2	11.5	2.14	5.95	0.75	5.35	0.78	0.01
SS00272	485274	7442094	833	10/12/2024	12	<5	4.4	79.5	1.4	<0.2	59.7	4800	0.4	5.5	80	1.5	77.8	166	376	115	247	30.9	123	26.2	2.85	25.8	3.44	17.7	3.04	8.15	1.1	7.25	1.12	<0.01
SS00273	485249	7441814	827	10/12/2024	11	<5	4	88.5	1.3	<0.2	31	3950	0.4	2.6	80	1	42	164	210	58.5	124	15.1	59.1	12.9	2	12.8	1.76	9.3	1.66	4.4	0.55	3.9	0.58	0.01
SS00274	485157	7441909	822	10/12/2024	6	<5	4.2	76	1.2	<0.2	61.8	2800	0.4	5.5	40	1	58	92	270	119	254	31.9	128	27.2	2.6	26	3.3	15.4	2.34	5.65	0.65	4.4	0.74	<0.01
SS00276	485115	7441992	821	10/12/2024	23	<5	3.4	78	1.4	<0.2	32.8	10100	0.3	2.3	245	1.5	50.6	310	160	61.2	124	15.1	56.5	11.8	1.75	12.2	1.78	10.5	2.02	5.65	0.75	5.1	0.76	0.01
SS00277	485060	7442073	820	10/12/2024	8	<5	7.2	67.5	0.8	<0.2	15.5	3500	0.3	2.1	65	10	73.8	4060	82	34.7	69.7	8.6	34.4	7.75	1.25	8	1.28	7.75	1.46	4.2	0.55	3.6	0.52	0.05
SS00278	485008	7442154	833	10/12/2024	7	<5	34.3	70.5	0.7	<0.2	13.9	3350	0.4	2.7	65	53	25.7	884	80	33.9	69	8.4	33.2	6.95	1.95	6.8	0.94	5.1	0.94	2.5	0.35	2.15	0.3	0.1
SS00279	484952	7442239	808	10/12/2024	11	<5	4.3	68	1.1	<0.2	50.3	4250	0.4	4.6	70	4.5	56.9	590	304	91.5	196	24.4	94	20.5	2.6	20	2.58	13.7	2.26	5.95	0.75	5.3	0.8	0.02
SS00280	484908	7442315	800	10/12/2024	11	<5	4.2	93.5	1.2	<0.2	38.2	4400	0.7	3.1	75	1	50.3	170	228	56.1	127	13.6	53.2	11.5	1.95	12.2	1.82	10.4	1.94	5.45	0.65	5	0.68	<0.01
SS00281	484860	7442406	795	10/12/2024	11	<5	4.3	136	1.2	<0.2	30	4350	0.6	2.5	80	1.5	39.2	136	160	56.1	114	13.4	51.9	10.7	1.7	10.4	1.52	8.25	1.5	4.15	0.55	3.5	0.52	<0.01
SS00282	485011	7442512	805	10/12/2024	14	<5	5.6	96.5	1.1	<0.2	42.3	4050	0.6	3.1	105	1.5	46.3	120	188	48.9	95.2	12.1	47.3	10.7	1.7	11	1.66	9.6	1.98	5.1	0.65	4.55	0.68	<0.01
SS00283	485072	7442439	808	10/12/2024	11	<5	4.9	80	1	<0.2	30.8	3850	0.4	2.9	65	4	37.8	296	222	55.7	117	13.4	52.9	11.4	1.7	11.2	1.58	8.55	1.5	4.05	0.5	3.6	0.54	<0.01
SS00284	484729	7442223	804	10/12/2024	14	<5	4.3	223	1.3	<0.2	23.6	4900	0.6	1.9	115	1.5	35.8	114	118	47.7	98.7	11.4	44.1	8.8	1.85	8.4	1.24	7.25	1.38	3.95	0.5	3.5	0.5	<0.01
SS00285	484550	7442113	795	10/12/2024	14	<5	4.3	125	1.2	<0.2	20.5	4550	0.6	1.8	110	2	30.9	108	106	33.4	70.1	8.15	31.7	6.8	1.4	7	1.04	6.2	1.16	3.3	0.4	2.9	0.42	0.01
SS00286	484778	7442125	803	11/12/2024	11	<5	3.3	88	1	<0.2	39.4	3900	0.6	3.2	70	1	50	102	264	64	138	16.2	60.7	12.9	2	12.8	1.9	10.6	2.02	5.9	0.7	5.1	0.74	0.01
SS00287	484828	7442059	823	11/12/2024	11	<5	4	79.5	1.2	<0.2	43.2	3950	0.8	3.6	75	2.5	43.3	186	226	65.4	139	16.8	63.6	13.6	2.05	13.4	1.86	9.7	1.74	4.8	0.6	4.3	0.64	<0.01
SS00288	484893	7441958	857	11/12/2024	9	<5	5.7	84.5	0.9	<0.2	21.7	4450	0.4	2.4	80	19	30.2	1730	144	44.2	89.9	11	43.1	8.95	1.45	8.6	1.14	6.3	1.14	3.2	0.4	2.85	0.42	0.01
SS00289	484937	7441906	849	11/12/2024	2	<5	10.3	28	0.4	<0.2	6.9	1200	0.2	1.5	25	35	13	8870	34	13.8	28.3	3.35	13.1	2.85	0.5	3	0.42	2.6	0.48	1.4	0.2	1.25	0.18	0.03
SS00290	484988	7441813	826	11/12/2024	11	<5	5.2	78	1.1	<0.2	48.7	3500	0.4	4	70	3	63.4	474	260	89.7	192	23.9	91.4	19.8	2.4	19.4	2.68	14	2.52	7	0.9	6.25	0.96	0.01
SS00291	485035	7441707	824	11/12/2024	9	<5	6.1	58.5	0.9	<0.2	15.5	3250	0.3	2	110	3.5	62.2	5340	92	33.6	70.4	9.2	38.2	9.75	1.35	11.2	1.98	12.9	2.5	7.15	0.9	6.15	0.82	0.03
SS00292	485098	7441638	823	11/12/2024	22	<5	2.4	93	0.6	<0.2	6.6	5550	0.2	1.1	185	2.5	33.4	332	50	17.4	36.7	4.65	19.6	4.9	1.25	5.8	0.98	6.45	1.3	3.85	0.5	3.65	0.52	<0.01
SS00293	484915	7441544	847	11/12/2024	24	<5	2.9	96	1	<0.2	21.7	6900	0.3	1.7	125	1.5	46.6	178	90	50.6	101	12.3	49.7	10.3	2.15	10.6	1.54	9.15	1.84	5.35	0.7	5.2	0.78	<0.01
SS00294	484883	7441593	835	11/12/2024	18	<5	3.1	105	0.9	<0.2	18.2	4350	0.4	1.3	105	1.5	48.1	320	86	45.3	88	11.1	44.7	9.2	1.75	9.4	1.4	9.05	1.92	5.95	0.8	5.95	0.9	<0.01
SS00295	484823	7441692	828	11/12/2024	16	<5	3.9	109	1.1	<0.2	40.3	4450	0.6	2.5	100	1.5	63.2	304	220	76.7	149	19.1	73.9	14.8	2.25	14.4	2	11.9	2.36	7.25	0.95	7	1.06	<0.01
SS00296	484782	7441780	868	11/12/2024	13	<5	4.8	99.5	1.2	<0.2	44	4250	0.8	3.4	90	2	48.6	226	164	78	153	19.6	73.4	15.3	2.3	14.8	2.16	10.6	1.9	5.2	0.65	4.5	0.66	<0.01
SS00297	484725	7441855	834	11/12/2024	17	<5	4.5	90	1.1	<0.2	29	4150	0.4	2.3	115	1.5	55.4	390	162	59.7	114	15.2	57.4	12.4	2	12.8	1.92	11.2	2.36	6.2	0.8	5.55	0.82	<0.01
SS00298	484670	7441928	806	11/12/2024	15	<5	4.4	106	1.2	<0.2	37.9	4800	0.6	3.6	100	1.5	60.4	288	218	61.7	131	16	61.3	13.5	2.15	14	2.06	12.2	2.36	6.75	0.85	6.1	0.92	<0.01
SS00299	484617	7442008	791	11/12/2024	16	<5	4.1	243	1.3	<0.2	20.9	5500	0.6	2.1	130	1	42.7	108	140	53	105	13	51.1	10.4	2.15	10.2	1.48	8.65	1.64	4.65	0.6	4.05	0.58	<0.01

Appendix 2. December 2024 Rock Chip Sampling Assays

Sample_#	East	North	RL	Date	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cs	Cu	Fe	Ga	Hf	In	K	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S
RK0052	484736	7441442	824	4/12/2024	0.4	16200	2	56	0.25	6.7	6600	0.5	4	5	0.05	942	119000	12.2	0.1	0.55	700	5	6200	544	26.5	500	2	4	150	16	1.8	0.05	500
RK0053	484535	7441396	826	4/12/2024	1.8	39500	12	36	2	8.2	109000	0.5	13	50	0.05	10800	48800	11.4	1	0.4	1400	5	59800	1960	1.5	2400	5.5	18	650	4100	2	0.05	800
RK0054	484411	7441239	825	6/12/2024	7.2	3400	1	32	2.5	42	90500	5.5	18	5	0.05	9940	60800	3.8	0.1	0.3	800	5	114000	4630	13	1700	0.5	8	100	950	1.2	0.05	300
RK0055	484534	7441051	858	6/12/2024	2	4400	1	102	1	3.8	37800	84.5	32	5	0.4	3290	65100	7.2	0.1	2.75	1200	5	74100	4050	7	1500	1	14	200	197	6	0.05	200
RK0056	484530	7441047	857	6/12/2024	0.4	72800	1	1370	0.25	1.4	1900	2	6	5	30.5	904	33200	24.8	5.2	0.15	45800	5	129000	638	1	1800	16	10	150	116	443	0.05	100
RK0057	484572	7440600	857	6/12/2024	0.1	33100	2	136	1.5	0.1	10900	0.25	2	5	0.4	126	16300	9.4	0.6	0.025	3800	5	1900	230	1	11700	1	4	150	50	14.6	0.05	100
RK0058	483763	7441439	756	6/12/2024	0.1	73400	1	1280	2	0.2	36400	2	4	5	1.2	120	10600	15.4	1.2	0.1	17100	5	10600	228	0.5	22500	2	12	100	21	65.6	0.05	150
RK0059	485734	7442180	875	8/12/2024	0.8	26500	2	342	0.5	19	9000	1	11	5	2.8	10100	121000	30.8	2.8	1.8	19100	10	67900	2270	4	2200	13.5	10	950	19	172	0.05	2450
RK0060	485747	7442135	874	8/12/2024	0.1	63200	3	628	2	0.2	28600	0.25	2	5	0.4	154	16800	16.8	0.4	0.025	15000	5	3100	476	0.5	23400	1	4	100	68	50.6	0.05	200
RK0061	485747	7442135	874	8/12/2024	0.1	7600	1	254	0.25	0.1	284000	0.25	3	5	0.2	78	5400	2.4	0.4	0.025	1700	5	19900	220	0.25	1200	2	6	100	5	10.4	0.05	450
RK0062	485505	7442100	896	10/12/2024	0.2	7500	1	112	0.25	85	4000	1	27	5	0.8	16500	111000	10.8	0.1	1	4200	10	84800	2280	0.5	1300	2	10	150	31	32.2	0.05	200
RK0063	485318	7442017	845	10/12/2024	0.1	42900	1	178	1	0.5	10600	0.25	3	5	0.5	80	16100	12.2	16	0.025	5700	10	4300	218	0.5	15300	8.5	4	50	24	39.2	0.05	100
RK0064	485023	7441703	825	11/12/2024	2	3200	2	496	1	1.7	6300	23.5	4	5	0.4	1440	21100	1.4	0.2	0.1	800	5	6600	5420	1	400	1	14	450	308	4.4	0.05	250

Sample_#	East	North	RL	Date	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Au
RK0052	484736	7441442	824	4/12/2024	0.3	2	15	8.2	4.5	0.2	0.2	4.9	500	0.05	1.5	15	2	44	998	2	12.8	26.4	3.2	12.6	3.55	0.25	6	1.2	8.3	1.68	4.85	0.6	4.15	0.56	0.02
RK0053	484535	7441396	826	4/12/2024	3.3	30	2.5	24	32	0.4	0.1	5.8	6300	0.05	4.5	140	3	24	15100	12	14	30.5	3.5	13.3	3.15	0.9	4	0.7	4.6	0.9	2.6	0.35	2.4	0.32	0.12
RK0054	484411	7441239	825	6/12/2024	0.7	0.5	5	4.1	22	0.1	0.1	2.1	250	0.05	4	20	1.5	6.8	4740	1	3.4	9.5	1.35	5.05	1.1	0.5	1.2	0.2	1.2	0.24	0.7	0.1	0.7	0.1	0.05
RK0055	484534	7441051	858	6/12/2024	0.4	0.5	5	7.8	10	0.1	0.1	1.4	150	0.2	0.6	10	3	9.1		1	4.6	10.3	1.6	6.9	1.7	0.35	1.8	0.3	1.8	0.34	0.95	0.1	0.85	0.12	0.04
RK0056	484530	7441047	857	6/12/2024	0.2	2	2.5	9.6	18	1.4	0.1	119	1500	4.9	27.5	15	1.5	6	16500	190	5.9	12.4	1.35	4.55	0.85	0.1	0.8	0.2	0.9	0.2	0.65	0.1	0.7	0.12	0.01
RK0057	484572	7440600	857	6/12/2024	0.2	0.5	2.5	0.6	44	0.2	0.1	3.5	200	0.1	0.6	2.5	0.25	4.8	480	12	9.7	19.5	1.95	7	1.4	0.9	1.4	0.2	1	0.2	0.5	0.05	0.4	0.06	<0.01
RK0058	483763	7441439	756	6/12/2024	0.1	0.5	2.5	0.8	904	0.4	0.1	8.2	450	0.3	1.2	5	1	2.9	4890	20	9.4	13.3	1.3	4.05	0.6	0.65	0.4	0.1	0.5	0.1	0.3	0.05	0.4	0.08	<0.01
RK0059	485734	7442180	875	8/12/2024	0.1	13	40	23.2	84	1.1	0.4	17.1	4400	0.9	2.1	70	220	46.9	2970	96	34.6	72.5	9.4	38.7	8.5	1.7	9.2	1.4	8.6	1.6	4.45	0.55	3.8	0.52	0.11
RK0060	485747	7442135	874	8/12/2024	0.3	1	2.5	0.7	97	0.2	0.1	22.5	200	0.3	1.9	2.5	3	17	122	2	39.4	79	9.05	34.1	7.1	1.85	6.8	0.8	4.3	0.68	1.6	0.15	1.05	0.14	<0.01
RK0061	485747	7442135	874	8/12/2024	0.05	1	2.5	0.6	621	0.1	0.1	2.4	450	0.05	2.6	10	1.5	5.3	70	8	6.7	11.9	1.6	6.3	1.3	0.2	1.4	0.2	1	0.2	0.55	0.05	0.5	0.06	0.01
RK0062	485505	7442100	896	10/12/2024	0.1	0.5	5	13.8	7.5	0.2	0.1	2.2	200	0.2	1.4	15	20	11.8	3800	1	6.5	10.6	1.6	6.45	1.5	0.2	2	0.3	2.2	0.4	1.15	0.15	1	0.14	0.16
RK0063	485318	7442017	845	10/12/2024	0.05	2	2.5	2	45	0.6	0.1	1.7	600	0.2	3.6	5	1.5	7.8	134	478	12	21.1	2.05	6.9	1.3	1.1	1.4	0.2	1.3	0.28	1.05	0.15	1.55	0.3	<0.01
RK0064	485023	7441703	825	11/12/2024	0.4	0.5	2.5	0.8	22	0.1	0.1	0.8	200	0.2	1.4	60	4	9.8	9880	1	10	19.9	2.1	7.95	1.85	0.25	2	0.4	2.3	0.42	1.2	0.15	1.1	0.16	0.02

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Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*	**Soil Sampling** • Soil samples were collected from outcrop / in-situ lithology and in minor cases locally-derived float. • The samples were collected in marked calico bags for assaying. • Samples were collected on a 200m x 100m grid over the existing soil grid and extended northeast and southwest of the original grid to cover known outcropping alteration and mineralisation. Slight deviations were made due to terrain or insufficient soil. • Soil samples were collected from the B-Horizon using a -80 Mesh sieve. Approximately 500g of material was collected in the field per sample. The -80 Mesh fraction is considered representative of the outcrop sampled. • QAQC samples were inserted every 25 samples as per standard Litchfield sampling protocols.

Criteria	JORC Code explanation	Commentary
		• Samples were submitted to Bureau Veritas, Adelaide for multi-element and gold fire assay analysis. • Soil and rock assay sample preparation comprised of oven drying (PR001), primary crush to -10micron (PR101), pulverise 3kg (split) in LM5 with 85% passing -75 microns (PR303). • Samples were analysed for a multielement suite (59 elements) by a combination of ICP-OES (Al,Ba,Ca,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,P,S,Sc,Ti,V,Zn,Zr) and ICP_MS(Ag,As,Be,Bi,Cd,Ce,Co,Cs,Dy,Er,Eu,Ga,Gd,Hf,Ho,In,La,Lu,Mo,Nb,Nd,Pb,Pr,Rb,Re,Sb,Se,Sm,Sn,Sr,Ta,Tb,Te,Th,Tl,Tm,U,W,Y,Yb) following a multi-acid digest. Assays for Au were completed by 40gram Fire Assay with an AAS finish. • The assay methods used are considered appropriate for base and precious metal exploration purposes. **Rock Chips** • Rock chip samples were collected from confirmed outcrops only using geopicks. • The samples were between 0.5 – 1kg and were collected in marked calico bags for assaying.

Criteria	JORC Code explanation	Commentary
		• Sampling was conducted to ensure that the analytical results are representative of the sampled outcrop. True outcrop thicknesses were not calculated and have not been reported. • Rock chip samples were collected by hand. In some instances, multiple samples were collected from a single outcrop to better understand mineralisation variability. • QAQC samples were inserted every 25 samples as per standard Litchfield sampling protocols. • Samples were submitted to Bureau Veritas, Adelaide for multi-element and gold fire assay analysis.
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Not applicable as no drilling is reported.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Not applicable as no drilling is reported.

Criteria	JORC Code explanation	Commentary
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Not applicable as no drilling is reported. • Standard geological mapping data was collected at each sampling point, including, lithology, structural measurements and site-specific conditions (e.g.; outcrop versus float, moisture, soil profile depth etc.).
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Not applicable as no drilling is reported.
Quality of assay data and	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments,*	• Standard QAQC protocols were employed, inserting a QAQC sample for every 25 samples submitted for analysis. Internal Litchfield QAQC samples all returned results within two standard deviations of the expected result.

Criteria	JORC Code explanation	Commentary
laboratory tests	*etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	• Additionally, Bureau Veritas inserted 24 laboratory QAQC samples (standards, blanks and repeats) as part of the laboratory's standard QAQC protocols. Final analytical results were not released from the lab until a full QAQC audit was completed and passed.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Not applicable as no drilling is reported.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Sample locations recorded with Garmin 62c hand held GPS unit with accuracy of greater than ±4m, using GDA94/UTM, Zone 53.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Soil samples were collected on a 200m x 100m grid, aligned to 328º True North (historic soil and drilling grid). • Rock chip samples were collected randomly where visible mineralisation was observed at surface.

Criteria	JORC Code explanation	Commentary
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• The soil sampling grid was aligned at 328TN which is perpendicular to the dominant stratigraphy and mineralisation strike. • Ass samples are considered representative of the sampled outcrop.
Sample security	• *The measures taken to ensure sample security.*	• All samples were collected under strict data security measures by Litchfield Minerals Ltd. Employee.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• QAQC samples were inserted into the assay run every 25 samples. All QAQC samples returned assay results within the acceptable two standard deviations of the expected certified standard result.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along*	• Tenement includes Oonagalabi (EL32279) for a total of 145.3km^2 and 46 sub-blocks. • EL32279 is owned by Kalk Exploration Pty. Ltd., a 100% owned entity of Litchfield Minerals Limited. Oonagalabi is located 125km northeast of Alice Springs on pastoral lease.

Criteria	JORC Code explanation	Commentary
	with any known impediments to obtaining a licence to operate in the area.	• The tenements are in good standing and there are no known impediments.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• A summary of previous exploration and mining is presented below: • Oonagalabi was discovered in the 1930's. • In 1970, Russgar Minerals completed regional mag-rad survey, VLF_EM survey, ground magnetic survey, single line resistivity traverse and 14 drillholes. • In 1971, Geopeko completed limited IP. • 1979, Amoco completed photo-interpretation, rock chip sampling and drilling (8 holes). • 1981 D'Dor Mining NL completed limited dipole-dipole IP. • Silex 2009 completed pole-dipole IP 1 x diamond hole.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Oonagalabi-type mineralisation is considered to be either sediment-hosted or carbonate replacement with potential for high-grade remobilised breccia zones similar to the Jervois deposit. EL32279 falls within one of Geoscience Australia's IOCG high potential zones.

Criteria	JORC Code explanation	Commentary
		• The project lies within the Harts Range that represents a package of multiply deformed and metamorphosed sedimentary and igneous intrusive rocks.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• No drilling or assaying is reported in this report.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the*	• No drilling or assaying is reported in this report.

Criteria	JORC Code explanation	Commentary
	procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	• No drilling or assaying is reported in this report. • Sampling was completed across stratigraphy such that analytical results are considered representative of the sampled material. True widths were not assessed due to the folded nature of mineralised outcrops, other than the Silverado area and the southeastern area where true widths were estimated at 5m.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• See figures above.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All assay results are presented in full in Appendices 1 and 2.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock*	• See the main body of this report for all pertinent observations and interpretations.

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	characteristics; potential deleterious or contaminating substances.	
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	Future planned exploration includes: • Detailed ground gravity (100m x 50m) • Pole-Dipole IP over chargeability pipe • Diamond drill testing of key magnetic, gravity, chargeability, resistivity and geochemical anomalies.